





 THE CITY OF **WINDSOR**

 ONTARIO, CANADA

20

20



2020 Capital Budget



Table of Contents

	Page
Section A	
Summary of Approved Capital Budget Expenditures and Funding Sources	1
Section B	
Summary of 8-Year Approved Capital Budget and Prior Year Comparison	4
Section C	
8-Year Capital Project Listing by Major Category	6
Section D	
Capital Project Summaries	
Agencies, Boards & Committees.....	26
City Council and Mayor's Office.....	53
Office of Community Development and Health.....	55
Office of Parks, Recreation, Culture & Facilities.....	79
Office of the Chief Administrative Officer.....	208
Office of the Chief Financial Officer.....	211
Office of the City Clerk.....	266
Office of the City Engineer.....	286
Office of the City Solicitor.....	524

2020 Approved Capital Budget



SECTION A:

8 - Year Summary of Approved Capital Budget Expenditures and Funding Sources

Summary of Approved Capital Budget Funding Sources and Expenditures (\$000 s) for Budget Year 2020 (8 Year Capital Plan)

Year		Service Sustainability Investments						Economic Development, Growth, Service Enhancements and Agencies, Boards & Committees						Total
		Service Sustainability Investments	Development Charge Reserves	Dedicated Reserves	Sewer Surcharge	Grants & Other	Federal Gas Tax	Pay As You Go	Development Charge Reserves	Dedicated Reserves	Sewer Surcharge	Grants & Other	Federal Gas Tax	
2020	Funding Available	26,141,911	2,871,500	10,691,720	33,561,018	4,942,191	12,666,559	36,712,656	11,991,976	3,605,000	2,702,107	19,950,878	760,630	166,598,146
	Less: Pre-Commitments & Placeholders	14,318,211	449,448	625,000	7,835,837	582,000	2,342,595	29,625,929	3,992,080	375,000	1,059,837			61,205,937
	Less: Funding allocated to Approved Expenditures	11,823,700	2,422,052	10,066,720	25,725,181	4,360,191	10,323,964	7,086,727	7,999,896	3,230,000	1,642,270	19,950,878	760,630	105,392,209
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	Funding Available	39,986,928	837,300	14,811,000	32,015,057	5,805,647	12,205,722	27,667,508	4,710,000	3,052,830	5,172,628	7,352,763	1,570,420	155,187,803
	Less: Pre-Commitments & Placeholders	15,719,234	327,500	745,000	4,060,686		1,010,829	16,656,178	760,000	187,500	1,440,686		1,000,000	41,907,613
	Less: Funding allocated to Approved Expenditures	24,267,694	509,800	14,066,000	27,954,371	5,805,647	11,194,893	11,011,330	3,950,000	2,865,330	3,731,942	7,352,763	570,420	113,280,190
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	Funding Available	42,529,696	117,500	14,067,500	32,547,596	6,681,523	12,526,512	29,875,462	1,305,876	2,573,000	4,639,845	3,349,371	1,250,000	151,463,881
	Less: Pre-Commitments & Placeholders	6,085,181			2,622,345		1,315,000	11,411,345			747,345		1,000,000	23,181,216
	Less: Funding allocated to Approved Expenditures	36,444,515	117,500	14,067,500	29,925,251	6,681,523	11,211,512	18,464,117	1,305,876	2,573,000	3,892,500	3,349,371	250,000	128,282,665
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	Funding Available	44,702,226	205,000	12,159,333	35,449,346	4,400,185	13,875,000	32,552,431	3,945,000	3,153,000	1,738,595	901,284	500,000	153,581,400
	Less: Pre-Commitments & Placeholders	11,938,989	260,000		2,526,095		919,930	25,465,364	740,000		401,095		400,000	42,651,473
	Less: Funding allocated to Approved Expenditures	32,763,237	(55,000)	12,159,333	32,923,251	4,400,185	12,955,070	7,087,067	3,205,000	3,153,000	1,337,500	901,284	100,000	110,929,927
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-	-	-
2024	Funding Available	54,738,109	5,000	11,625,000	33,503,556	4,809,962	12,376,000	27,307,563	5,154,000	2,928,000	3,684,617	1,622,852	1,400,000	159,154,659
	Less: Pre-Commitments & Placeholders	6,685,290			6,845,305			15,354,631			295,305			29,180,531
	Less: Funding allocated to Approved Expenditures	48,052,819	5,000	11,625,000	26,658,251	4,809,962	12,376,000	11,952,932	5,154,000	2,928,000	3,389,312	1,622,852	1,400,000	129,974,128
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-	-	-

Summary of Approved Capital Budget Funding Sources and Expenditures (\$000 s) for Budget Year 2020 (8 Year Capital Plan)

Year		Service Sustainability Investments						Economic Development, Growth, Service Enhancements and Agencies, Boards & Committees						Total
		Service Sustainability Investments	Development Charge Reserves	Dedicated Reserves	Sewer Surcharge	Grants & Other	Federal Gas Tax	Pay As You Go	Development Charge Reserves	Dedicated Reserves	Sewer Surcharge	Grants & Other	Federal Gas Tax	
2025	Funding Available	54,325,916	605,000	9,016,000	34,861,655	6,649,958	11,808,800	32,529,448	6,124,000	2,593,000	2,326,466	1,786,023	1,967,200	164,593,466
	Less: Pre-Commitments & Placeholders	1,881,871			6,887,154			17,345,731			337,154			26,451,910
	Less: Funding allocated to Approved Expenditures	52,444,045	605,000	9,016,000	27,974,501	6,649,958	11,808,800	15,183,717	6,124,000	2,593,000	1,989,312	1,786,023	1,967,200	138,141,556
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-	-	-
2026	Funding Available	55,225,888	374,950	7,379,333	36,165,375	3,949,443	10,914,000	31,629,800	1,290,000	3,468,000	1,022,750	125,000	2,862,250	154,406,789
	Less: Pre-Commitments & Placeholders	72,700			6,550,000			7,554,300						14,177,000
	Less: Funding allocated to Approved Expenditures	55,153,188	374,950	7,379,333	29,615,375	3,949,443	10,914,000	24,075,500	1,290,000	3,468,000	1,022,750	125,000	2,862,250	140,229,789
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-	-	-
2027	Funding Available	60,450,109	-	8,002,000	36,165,251	385,923	13,434,000	26,404,900	170,000	2,898,000	1,022,750	125,000	342,250	149,400,183
	Less: Pre-Commitments & Placeholders	30,000			6,550,000			6,927,000						13,507,000
	Less: Funding allocated to Approved Expenditures	60,420,109	-	8,002,000	29,615,251	385,923	13,434,000	19,477,900	170,000	2,898,000	1,022,750	125,000	342,250	135,893,183
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-	-	-

On January 27, 2020, City Council approved both the 2020 Operating Budget (Council Resolution B55/2020, Report # C 209/2019) and the 2020 8-year Capital Budget (Council Resolution B57/2020, Report # C 198/2019).

The 2020 8-year Capital Budget includes expenditures totaling \$1,254,386,327. Capital projects and their identified 2020 funding recommendations, totaling \$166,598,146 has been approved. Projects and their recommended funding from 2021 through to 2027, unless previously committed, are approved in principle expenditures. As such, these projects are subject to potential changes during future capital budget development to address higher priority project requirements where necessary.

The 2020 net Operating Budget totals \$426,576,438 and the gross totals \$864,654,335.

2020 Approved Capital Budget



SECTION B:

Summary of 8 – Year Approved Capital Budget and Prior Year Comparison

Summary of Approved Capital Budget Funding and Expenditures (\$000's) - for Budget Year 2020 (8 Year Capital Plan)

Allocation of Available Funding by Major Category:	2020		2021		2022		2023		2024		2025		2026		2027		TOTAL 2020-2027	
	2020	% of Budget	2021	% of Budget	2022	% of Budget	2023	% of Budget	2024	% of Budget	2025	% of Budget	2026	% of Budget	2027	% of Budget	TOTAL 2020-2027	% of Budget
Roads Infrastructure	43,811	26%	44,166	28%	43,535	29%	42,898	28%	48,158	30%	52,575	32%	50,842	33%	50,116	34%	376,102	30%
Sewers Infrastructure	43,763	26%	46,890	30%	44,188	29%	52,873	34%	52,841	33%	49,231	30%	41,833	27%	37,546	25%	369,165	29%
Transportation	27,176	16%	14,649	9%	15,697	10%	12,085	8%	15,696	10%	10,307	6%	12,257	8%	16,344	11%	124,210	10%
Parks & Recreation	17,240	10%	17,368	11%	15,239	10%	15,243	10%	15,671	10%	15,106	9%	16,616	11%	14,114	9%	126,597	10%
Corporate Property Infrastructure	6,694	4%	10,916	7%	8,115	5%	5,449	4%	8,617	5%	9,751	6%	10,265	7%	10,435	7%	70,241	6%
Corporate Technology	5,252	3%	7,462	5%	6,410	4%	3,596	2%	1,778	1%	5,777	4%	5,215	3%	4,984	3%	40,473	3%
Community & Economic Development	8,820	5%	3,243	2%	3,995	3%	13,170	9%	9,450	6%	12,418	8%	10,000	6%	9,400	6%	70,497	6%
Capital Reserve Replenishment	3,210	2%	3,210	2%	3,210	2%	3,210	2%	3,210	2%	3,210	2%	3,210	2%	3,210	2%	25,680	2%
Agencies, Boards & Committees (ABC's)	10,633	6%	7,284	5%	11,075	7%	5,057	3%	3,734	2%	6,219	4%	4,169	3%	3,251	2%	51,422	4%
Total Allocation of Available Funding	166,598	100%	155,188	100%	151,464	100%	153,581	100%	159,155	100%	164,593	100%	154,407	100%	149,400	100%	1,254,386	100%

Approved Capital Budget Summary Comparison (\$000's) : 2019 vs. 2020

Allocation of Available Funding by Major Category:	2019	2020	Change
	Roads Infrastructure	25,257	43,811
Sewers Infrastructure	36,050	43,763	7,713
Transportation	21,926	27,176	5,250
Parks & Recreation	10,423	17,240	6,817
Corporate Property Infrastructure	21,679	6,694	(14,985)
Corporate Technology	6,035	5,252	(784)
Community & Economic Development	1,430	8,820	7,390
Capital Reserve Replenishment	3,210	3,210	0
Agencies, Boards & Committees (ABC's) **	-	10,633	10,633
Total Allocation of Available Funding	126,010	166,598	40,588

** Major Category ABC's was created in 2020 to clearly identify those investments, rather than bundling under other major categories.

2020 Approved Capital Budget



SECTION C:

8 – Year Capital Project Listing by Major Category

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2020

Roads Infrastructure

Page #	Project #	Project Name	2020	2021	2022	2023	2024	2025	2026	2027	Total
303	ECB-001-18	California/Pulford - Norfolk to Daytona	0	0	0	1,200,000	0	0	0	0	1,200,000
304	ECB-003-18	College Ave. - Campbell to Mckay	1,350,000	0	0	0	0	0	0	0	1,350,000
305	ECB-006-18	Crawford Ave. - Wyandotte to Tecumseh - Engineering	250,000	0	0	0	0	0	0	0	250,000
384	ECB-007-18	Victoria Ave. - Tecumseh to Jackson Park - Mill and Pave	150,000	0	0	0	0	0	0	0	150,000
385	ECB-009-18	Lillian Ave. - Grand Marais to South Pacific - Reconstruction	500,000	0	0	0	0	0	0	0	500,000
479	ECB-012-18	Pedestrian Street Lighting on Ottawa St.	158,000	0	0	0	0	0	0	0	158,000
386	ECB-014-18	Ypres Blvd. - Forest to Walker - Mill and Pave	247,000	1,400,000	0	0	0	0	0	0	1,647,000
387	ECB-016-18	St. Luke Rd. - Seminole to ETR - Reconstruction	0	459,000	0	0	0	0	0	0	459,000
307	ECB-017-18	Pillette Rd. - Seminole to VIA Tracks - Reconstruction (Phases 1 & 2)	0	0	0	950,000	0	0	0	0	950,000
388	ECB-019-18	St. Julien Rd. - George to Tourangeau - Reconstruction	0	155,000	0	0	0	0	0	0	155,000
389	ECB-027-18	Briarbank Dr. - Mill and Pave	143,000	190,000	0	0	0	0	0	0	333,000
390	ECB-030-18	Wyandotte St. - St. Rose to Janisse - Repair WB, Reconstruct EB	0	0	0	440,000	0	0	0	0	440,000
391	ECB-031-18	Courtland Cres. - South National to South National - Mill and Pave	0	0	0	120,000	0	0	0	0	120,000
392	ECB-032-18	Annie St. - Tecumseh to Cul-de-sac - Mill and Pave	0	0	0	90,000	0	0	0	0	90,000
308	ECB-033-18	Reginald St. - Pillette to Norman - Reconstruction	0	0	0	375,000	0	0	0	0	375,000
309	ECB-034-18	Byng Rd. - Lappan to Melinda - Reconstruction	2,000	0	0	650,000	0	0	0	0	652,000
310	ECB-035-18	Riverside Dr. Vista Intersection - Devonshire and Riverside	0	0	1,000,000	0	0	0	0	0	1,000,000
393	ECB-036-18	Northwood St. - Cleary to Daytona - Reconstruction	75,000	0	0	0	0	0	0	0	75,000
312	ECP-002-08	Provincial Rd./Division Rd. Corridor Infrastructure Improvements	1,850,000	2,000,000	0	0	0	5,950,000	1,000,000	0	10,800,000
314	ECP-002-10	Banwell Rd. Infrastructure Improvements	3,050,000	200,000	500,000	70,000	2,100,000	0	4,899,000	5,101,000	15,920,000
316	ECP-003-07	Grand Marais Rd. Infrastructure Improvements	0	0	0	0	0	0	0	0	0
317	ECP-003-08	Howard Ave. - South Corridor Infrastructure Improvements	350,000	0	50,000	100,000	2,834,000	0	4,358,000	4,308,000	12,000,000
318	ECP-003-09	Cabana Rd. Infrastructure Improvements	6,319,674	6,056,742	6,045,060	3,852,560	3,765,980	3,849,659	0	0	29,889,675
320	ECP-004-07	Walker Rd. Infrastructure Improvements	0	0	0	0	0	0	0	0	0
326	ECP-005-07	Tecumseh Rd. E. Infrastructure Improvements	450,000	50,000	500,000	0	0	500,000	1,075,000	1,125,000	3,700,000
329	ECP-006-07	Howard Ave. Infrastructure Improvements	0	0	0	0	0	0	0	0	0
331	ECP-009-07	Intersection Improvements Program	400,000	500,000	500,000	500,000	500,000	0	0	0	2,400,000
332	ECP-010-07	East Riverside Planning District Infrastructure Improvements	0	1,400,000	0	1,000,000	0	0	0	0	2,400,000

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2020

292	ECP-012-07	South Cameron/South Windsor Planning District Infrastructure Improvements	200,000	0	0	0	0	0	0	0	200,000
293	ECP-013-09	La Bella Strada - Erie St. Business Improvement Area Streetscaping	0	0	0	300,000	0	0	400,000	0	700,000
333	ECP-014-07	City Centre Streetscape Program	350,000	0	3,025,000	1,100,000	400,000	0	0	0	4,875,000
335	ECP-016-07	The Riverside Drive Vista Improvement	664,000	250,000	0	0	2,215,000	2,400,000	2,500,000	8,000,000	16,029,000
338	ECP-023-07	Parent Ave./McDougall Ave. Storm Sewer Engineering & Construction	0	0	2,950,000	0	0	0	1,485,000	95,000	4,530,000
347	EDG-001-11	Lauzon Parkway & County Rd. 42 Infrastructure Improvements	1,500,000	550,000	0	1,000,000	300,000	11,784,000	9,600,000	3,401,000	28,135,000
350	ENG-001-16	Sixth Concession Rd./North Talbot Rd. Infrastructure Improvements	2,850,000	932,000	967,000	1,000	0	0	1,200,000	1,390,000	7,340,000
297	ENG-002-18	Asphalt Pavement Widening - Malden Rd./South Cameron Blvd.	325,000	0	0	0	0	0	0	0	325,000
482	ENG-003-17	New Streetlights on Collectors and Arterials	0	0	100,000	100,000	100,000	0	100,000	100,000	500,000
483	ENG-004-19	Alley Lighting	0	0	50,000	50,000	50,000	50,000	0	0	200,000
356	ENG-005-17	Central Box EA Road and Infrastructure Improvements	500,000	2,900,000	2,100,000	3,560,000	5,100,000	300,000	2,500,000	0	16,960,000
360	ENG-006-20	Local Improvement Program	1,944,800	3,850,000	1,400,000	0	2,200,000	1,050,000	1,850,000	1,250,000	13,544,800
364	ENG-009-16	North Talbot Rd. Environmental Assessment/Southwood Lakes Entrance Reconstruction	600,000	0	0	0	0	0	0	0	600,000
365	ENG-009-20	Riverside Drive Guardrail	150,000	0	0	0	0	0	0	0	150,000
370	ENG-026-17	Sandwich Street - Roundabout and Archeological Study	0	1,150,000	0	0	0	0	0	0	1,150,000
396	OPS-001-07	Road Rehabilitation - Various Locations Program	10,302,074	12,831,560	12,947,696	14,304,451	19,482,717	19,482,717	10,000,000	12,970,527	112,321,742
406	OPS-001-11	Minor Alley Maintenance Program	100,000	100,000	200,000	200,000	200,000	200,000	200,000	200,000	1,400,000
408	OPS-002-11	Minor Road Deficiencies Rehabilitation Program	292,563	350,837	3,259,111	2,967,386	4,075,660	4,133,934	3,800,000	3,800,000	22,679,491
410	OPS-003-07	Bridge Rehabilitation Program	3,399,000	2,119,000	3,085,000	4,080,070	500,000	500,000	2,500,000	5,000,000	21,183,070
565	OPS-003-14	University Avenue Environmental Assessment Placeholder	0	0	0	401,000	850,000	0	0	0	1,251,000
412	OPS-004-07	Sidewalk Rehabilitation Program	489,297	559,197	1,048,494	1,048,494	1,500,000	1,500,000	1,500,000	1,500,000	9,145,482
420	OPS-005-07	Railway Lands Fencing	75,000	0	100,000	100,000	250,000	250,000	250,000	250,000	1,275,000
422	OPS-006-07	"At-Grade" Railway Crossings	85,000	200,000	125,000	125,000	125,000	125,000	125,000	125,000	1,035,000
566	OPS-007-16	Cabana Rd. Pavement Markings	0	0	0	0	110,000	0	0	0	110,000
424	OPS-007-20	ICIP - City Wide Sidewalks (Intake 1)	790,037	902,899	1,692,937	1,692,937	0	0	0	0	5,078,810
425	OPS-008-16	Devon Dr. Reconstruction - South Service Rd. to Sydney Ave.	1,500,000	0	0	0	0	0	0	0	1,500,000
426	OPS-008-17	Rossini Reconstruction - Tecumseh to Griffin	0	300,000	0	0	0	0	0	0	300,000
427	OPS-009-16	North Service Rd. Reconstruction	2,100,000	0	0	0	0	0	0	0	2,100,000

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2020

428	OPS-009-17	Reginald Street Reconstruction - Rossini to Francois	0	280,000	0	0	0	0	0	0	280,000
429	OPS-009-20	Connecting Links Intake 5 Project - Huron Church Rd.	0	995,000	995,000	1,019,930	0	0	0	0	3,009,930
431	OPS-010-16	Wyandotte St. Mill and Pave - Watson Ave. to Riverdale Ave.	300,000	0	0	0	0	0	0	0	300,000
432	OPS-010-17	Tranby Reconstruction	0	1,200,000	0	0	0	0	0	0	1,200,000
372	OPS-012-17	Streetlights on South National	0	105,000	0	0	0	0	0	0	105,000
433	OPS-013-17	Reginald Street Reconstruction - Norman to Westminster	0	390,000	0	0	0	0	0	0	390,000
434	OPS-014-17	Alice Street Mill and Pave - Norman to Polonia Park	0	35,000	0	0	0	0	0	0	35,000
435	OPS-015-17	Coronation Street Mill and Pave - Jefferson to Cul-de-sac	0	55,000	0	0	0	0	0	0	55,000
436	OPS-016-17	Devon Drive Reconstruction - Sydney to South Service	0	800,000	0	0	0	0	0	0	800,000
437	OPS-017-17	Northwood Reconstruction - Northwood to Northway	0	500,000	0	0	0	0	0	0	500,000
438	OPS-026-17	Lake Trail Drive Mill and Pave	0	400,000	0	0	0	0	0	0	400,000
439	OPS-028-18	Concrete Road Panel Repair Program	0	0	895,000	1,500,000	1,500,000	500,000	1,500,000	1,500,000	7,395,000
Roads Infrastructure Total			43,811,445	44,166,235	43,535,298	42,897,828	48,158,357	52,575,310	50,842,000	50,115,527	376,102,000

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2020

Sewers Infrastructure

Page #	Project #	Project Name	2020	2021	2022	2023	2024	2025	2026	2027	Total
306	ECB-013-18	Windermere St. - Engineering for Storm Sewer Reconstruction	105,000	0	0	0	0	0	0	0	105,000
311	ECP-001-10	Upper Little River Stormwater Management Plan and Implementation	500,000	500,000	1,000,000	2,000,000	3,000,000	0	0	0	7,000,000
322	ECP-004-08	Municipal Drains Capital Rehabilitation Program	200,000	545,000	250,000	419,000	250,000	336,000	500,000	500,000	3,000,000
324	ECP-004-09	Stormwater and Sanitary Master Plan Development	0	0	250,000	250,000	0	0	0	0	500,000
328	ECP-005-08	Grand Marais Drain Improvements (Concrete Channel)	0	0	0	0	0	0	0	0	0
337	ECP-022-07	Prince Rd./Totten St. Storm Sewer Improvements - Engineering & Construction	80,000	0	100,000	0	2,450,000	2,250,000	0	0	4,880,000
339	ECP-028-07	Grand Marais Drain Rehabilitation Program (Existing Naturalized Channel)	0	732,000	500,000	1,200,000	0	0	1,000,000	500,000	3,932,000
341	ECP-034-07	Campbell Ave./University Ave. Storm Sewer Engineering & Construction	3,670,000	0	0	0	0	0	0	0	3,670,000
342	ECP-035-07	City Wide Sewer Rehabilitation Program	8,208,750	9,348,500	10,245,000	10,343,000	6,037,000	7,518,000	8,427,624	10,500,000	70,627,874
346	ECP-036-07	Ojibway Sanitary Sewer Rehabilitation	0	0	0	3,000,000	500,000	500,000	1,000,000	0	5,000,000
294	ECP-041-07	New Infrastructure Development - Oversizing Infrastructure (Developer-related)	0	272,500	800,000	300,000	300,000	200,000	0	0	1,872,500
349	ENG-001-13	Capital Rehabilitation Program for Little River Steel Retaining Walls	1,000,000	0	0	1,000,000	500,000	500,000	1,000,000	1,000,000	5,000,000
373	ENG-001-19	Bio-Solids / Source Organics Disposal Study	0	0	0	0	0	0	0	0	0
351	ENG-002-16	Capital Improvements to Little River Municipal Drain (Lauzon Rd. to VIA Tracks)	100,000	0	0	0	265,000	500,000	0	0	865,000
353	ENG-002-19	Sewer Master Plan Implementation - includes DMAF (Special Intake)	10,250,000	11,000,000	11,000,000	11,000,000	11,500,000	11,500,000	11,000,000	10,427,500	87,677,500
354	ENG-003-13	Sixth Concession Municipal Drain - Land Acquisition & Capital Improvements	500,000	200,000	535,000	485,000	0	0	0	0	1,720,000
355	ENG-003-19	Sandwich South Lands - Engineering Studies	1,300,000	0	0	0	0	0	0	0	1,300,000
358	ENG-005-19	Enhanced Flooding Mitigation Program - DMAF	6,956,181	7,663,551	8,670,440	9,055,038	15,557,094	13,174,958	9,824,443	6,660,923	77,562,628
394	ENG-007-16	Basement Flooding Abatement Measures	4,687,751	5,837,751	5,887,751	5,887,751	5,887,751	5,887,751	5,887,751	5,887,751	45,852,008
367	ENG-012-20	Capital Improvements to East Riverside Flood Protection Dikes	0	0	0	0	0	0	0	0	0
368	ENG-013-20	Sandwich St. Sewer Rehabilitation	1,255,000	2,710,800	0	0	1,713,750	3,084,000	0	0	8,763,550
369	ENG-023-17	Connaught Street Reconstruction	0	715,000	0	0	0	0	0	0	715,000
371	ENG-031-17	Norman Road - Engineering - Tecumseh to Adstoll	0	100,000	0	0	0	0	0	0	100,000
374	ENV-001-08	Lou Romano Water Reclamation Plant	2,350,000	3,230,000	1,300,000	1,983,333	1,500,000	1,500,000	1,733,333	600,000	14,196,666
377	ENV-002-08	Little River Pollution Control Plant	2,200,000	3,420,000	2,000,000	2,520,000	1,900,000	520,000	750,000	920,000	14,230,000

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2020

380	ENV-003-08	Pumping Stations Maintenance	250,000	450,000	1,030,000	3,430,000	1,180,000	1,460,000	410,000	250,000	8,460,000
226	FIN-005-15	Little River Pollution Control Plant Energy Efficiency Measures Implementation	150,000	0	0	0	0	0	0	0	150,000
421	OPS-005-19	Gravel Alley Drainage Improvements	0	0	0	0	0	0	0	0	0
442	OPS-006-19	Food and Organic Waste Collection and Treatment	0	165,000	20,000	0	0	0	0	0	185,000
440	OPS-029-18	Curb Replacement Program	0	0	600,000	0	300,000	300,000	300,000	300,000	1,800,000
Sewers Infrastructure Total			43,762,682	46,890,102	44,188,191	52,873,122	52,840,595	49,230,709	41,833,151	37,546,174	369,164,726

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2020

Transportation

Page #	Project #	Project Name	2020	2021	2022	2023	2024	2025	2026	2027	Total
480	ECP-001-07	Citywide Streetlight Pole/Wiring Rehabilitation & Relocations	240,000	500,000	200,000	362,000	200,000	406,555	1,360,000	1,360,000	4,628,555
330	ECP-008-07	Pedestrian Safety Improvements	0	0	100,000	0	100,000	0	100,000	0	300,000
352	ENG-002-17	Bus Bay Program	0	0	100,000	100,000	100,000	0	0	100,000	400,000
362	ENG-007-20	Streetlights on Ottawa Street - Pierre to Howard	50,965	160,990	338,703	462,753	136,589	0	0	0	1,150,000
363	ENG-008-20	E.C. Row Expressway and Ramps - Street Lighting Rehabilitation Program	84,942	160,990	169,353	231,375	743,615	859,725	0	0	2,250,000
443	FRS-001-07	Fire & Rescue First Response Vehicle Replacement Program	55,000	0	2,790,000	186,000	2,763,000	74,000	0	1,993,000	7,861,000
484	OPS-001-13	Parking Equipment Replacement Program	102,000	104,000	106,000	108,000	110,000	112,000	114,000	116,000	872,000
453	OPS-001-17	Fuel Site Equipment Replacement	0	0	289,100	36,300	62,000	17,780	0	19,950	425,130
563	OPS-001-18	School Neighbourhood Policy	0	0	150,000	150,000	40,000	50,000	50,000	50,000	490,000
564	OPS-001-19	Pedestrian Crossovers	0	0	0	0	100,000	100,000	0	0	200,000
407	OPS-002-10	Civic Gateway Corridor Maintenance	0	0	0	0	200,000	0	0	0	200,000
457	OPS-002-17	Fuel Site Program	0	0	153,240	6,050	50,000	50,000	50,000	50,000	359,290
459	OPS-005-08	Corporate Fleet Replacement Program	2,288,000	1,654,000	2,127,000	2,253,000	1,287,000	1,774,000	1,296,000	1,851,000	14,530,000
486	OPS-008-20	Traffic Signal Upgrades and Replacements	1,294,475	1,271,208	1,147,940	804,673	1,721,405	2,278,137	2,930,000	2,330,000	13,777,838
567	OPS-009-07	Transportation Planning Environmental Study Reports (ESRs)	100,000	225,000	100,000	100,000	100,000	100,000	100,000	0	825,000
492	OPS-010-07	Advanced Traffic Management System (ATMS) - System Maintenance	952,000	488,000	420,000	234,000	400,000	400,000	400,000	400,000	3,694,000
569	OPS-014-07	Citywide Bikeway Development Initiatives	500,000	500,000	200,000	200,000	400,000	400,000	400,000	100,000	2,700,000
494	OPS-018-07	Parking Garage Capital Rehabilitation Program	510,000	1,040,000	530,000	540,000	550,000	560,000	570,000	580,000	4,880,000
496	OPS-019-07	New Parking Lot Development	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	700,000
497	OPS-020-07	Parking Lot Rehabilitation Program	102,000	104,000	106,000	108,000	110,000	112,000	114,000	116,000	872,000
571	OPS-021-07	Traffic Calming Initiatives	206,000	100,000	0	0	0	0	0	0	306,000
471	OPS-022-07	Purchase of Fleet Additions and Upgrades	877,000	0	240,000	150,000	150,000	150,000	150,000	150,000	1,867,000
475	OPS-027-18	Greening the Fleet	0	0	50,000	50,000	50,000	50,000	50,000	50,000	300,000
572	PBG-002-20	ICIP - Bikeways Development	5,070,000	0	0	0	0	0	0	0	5,070,000
573	PBG-003-20	ICIP - Pedestrian Crossovers (Intake 1)	225,000	0	0	0	0	0	0	0	225,000
510	TRN-001-07	Transit Windsor Fleet Replacement Program	72,114	154,577	3,997,180	4,800,000	5,675,858	2,142,375	3,902,638	6,408,059	27,152,801
512	TRN-001-08	Transit Windsor Smart Bus Technology/Intelligent Transportation System (ITS) Initiative	0	0	759,744	583,204	0	0	0	0	1,342,948
514	TRN-001-16	Transit Windsor Fleet Refurbishment/Repair Costs	500,000	500,000	500,000	300,000	300,000	300,000	300,000	300,000	3,000,000

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2020

498	TRN-001-20	ICIP-Customer Stop Amenities	1,833,250	666,750	0	0	0	0	0	0	2,500,000
516	TRN-002-08	Transit Windsor Fleet Structural Repairs	0	302,500	200,000	200,000	200,000	200,000	200,000	200,000	1,502,500
499	TRN-002-20	ICIP-TW Master Plan Implementation- Phase 1	2,801,121	272,496	802,820	0	0	0	0	0	3,876,437
501	TRN-003-07	Transit Windsor Customer Service Improvements - Shelters/Signage/Amenities	0	0	20,000	20,000	20,000	20,000	20,000	20,000	120,000
503	TRN-003-20	ICIP-Fleet Purchases	7,843,069	6,324,521	0	0	0	0	0	0	14,167,590
505	TRN-004-07	Transit Windsor Master Plan Implementation	173,911	0	0	0	26,089	50,000	50,000	50,000	350,000
507	TRN-005-17	Transit Windsor Service Delivery Review and Project Management	50,000	0	0	0	0	0	0	0	50,000
509	TRN-008-17	Transit Windsor Fare Structure Review	20,000	0	0	0	0	0	0	0	20,000
523	TRN-009-17	Restoration of Multiple Transit Windsor Pedestrian Shelters	320,000	20,000	0	0	0	0	0	0	340,000
517	TRN-017-17	Installation of an Exhaust Unit for Improved Ventilation at Main Transit Terminal	375,000	0	0	0	0	0	0	0	375,000
518	TRN-018-17	Acquisition of a Commercial Grade Floor Sweeper for Maintenance Garage Floor	42,500	0	0	0	0	0	0	0	42,500
522	TRN-020-17	Renovations and Enhancements to the Transportation Services Area	100,000	0	0	0	0	0	0	0	100,000
519	TRN-021-17	Acquisition of Fleet Inspection Equipment to Support the Bus Rehabilitation Program	387,500	0	0	0	0	0	0	0	387,500
Transportation Total			27,175,847	14,649,032	15,697,080	12,085,355	15,695,556	10,306,572	12,256,638	16,344,009	124,210,089

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2020

Parks & Recreation

Page #	Project #	Project Name	2020	2021	2022	2023	2024	2025	2026	2027	Total
132	ECB-004-18	Wigle Park Capital Improvements	0	0	0	175,000	0	145,000	0	0	320,000
133	ECB-011-18	Stodgell Park Redevelopment	0	0	0	460,000	0	0	0	0	460,000
185	ECB-023-18	Realtor Park - Path	475,000	0	0	0	0	0	0	0	475,000
134	ECB-026-18	Elizabeth Kishkon Park - Install Washroom	0	0	0	400,000	0	0	0	0	400,000
135	ECB-028-18	Improvements to Peche Island and Boat Access	68,000	0	0	0	0	0	0	0	68,000
136	ECB-029-18	Wayfinding Signage and Markers - Ganatchio Trail/Little River	0	0	0	100,000	0	0	0	0	100,000
137	ECB-041-18	Off-Road Cycling Trails	0	200,000	0	500,000	0	0	0	0	700,000
138	ENG-002-14	Festival Plaza Retaining Wall - Design & Construction & Facility Requirements	675,000	0	50,000	0	0	0	0	0	725,000
300	ENG-014-20	Eco-Passage	0	250,000	0	0	0	0	1,500,000	0	1,750,000
202	ENG-033-17	Feasibility Study - WFCU Arena	0	90,000	0	0	0	0	0	0	90,000
447	OPS-001-15	Parks Equipment Replacement Program	1,287,000	569,000	751,000	981,000	1,525,000	604,000	942,000	976,000	7,635,000
139	PFO-001-14	Central Riverfront Park Improvements	685,114	0	0	954,000	1,046,000	0	0	0	2,685,114
140	PFO-001-16	New Greenhouse Complex Construction and Refurbishments	150,000	2,704,500	1,853,500	0	2,049,460	0	0	0	6,757,460
142	PFO-002-15	Playgrounds Replacement Program	224,595	2,211,021	1,977,448	1,343,875	2,510,302	2,226,728	2,903,000	3,053,000	16,449,969
144	PFO-002-16	Realtor Park Splash Pad/Washroom Placeholder	500,000	0	0	0	0	0	0	0	500,000
145	PFO-002-20	George Avenue Park Redevelopment	0	0	0	0	0	0	0	0	0
146	PFO-003-15	C.R.I.P., Riverfront Trail	0	0	0	0	0	0	0	0	0
148	PFO-003-17	GPS Laser Line Painting Equipment	50,000	0	0	0	0	0	0	0	50,000
149	PFO-003-18	Fred Thomas Splash Pad (Glengarry)	300,000	0	0	0	0	0	0	0	300,000
150	PFO-003-19	Parks Lighting Replacement	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000
190	PFO-003-20	Holiday Lights Capital Maintenance	44,199	50,000	50,000	105,801	50,000	50,000	50,000	50,000	450,000
151	PFO-004-17	Forest Glade Basketball Court Renovation	0	200,000	0	0	0	0	0	0	200,000
152	PFO-004-19	Malden Park Drainage	0	100,000	0	0	0	0	0	0	100,000
153	PFO-005-12	Regional Parks Rehabilitation Program	250,000	950,000	200,000	0	500,000	300,000	500,000	600,000	3,300,000
155	PFO-005-17	Reaume Park Lights for Afghanistan Memorial	0	5,000	0	0	0	0	0	0	5,000
156	PFO-005-18	Shorewall Capital Rehabilitation Program	1,740	135,621	425,003	8,885	511,266	592,000	592,000	592,000	2,858,515
157	PFO-005-19	Parks & Recreation Service and Infrastructure Program	0	0	0	500,000	500,000	500,000	0	0	1,500,000
158	PFO-005-20	Natural Areas Management Program	0	100,000	100,000	200,000	100,000	100,000	100,000	100,000	800,000
160	PFO-006-12	Community Parks Rehabilitation Program	500,000	250,000	250,000	500,000	0	0	500,000	500,000	2,500,000

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2020

161	PFO-006-17	Realtor Park - Tennis Court Enhancements	0	75,000	0	0	0	0	0	0	75,000
162	PFO-006-18	Ditch Cutting Equipment for Vacant Properties/Phragmites Control	0	0	266,280	0	0	0	0	0	266,280
163	PFO-006-19	Recycling Silos in Parks	64,000	64,000	64,000	64,000	64,000	64,000	64,000	64,000	512,000
164	PFO-006-20	Riverfront Walkway Stabilization	0	0	0	0	0	1,500,000	500,000	0	2,000,000
165	PFO-007-11	Tree Maintenance Program	2,232,643	2,044,143	2,044,143	2,044,143	2,295,143	2,044,143	2,080,000	2,080,000	16,864,358
168	PFO-007-12	Neighbourhood Parks Rehabilitation Program	610,000	250,000	0	0	0	348,000	652,000	0	1,860,000
186	PFO-007-17	Washrooms at Alexander Park	0	620,000	0	0	0	0	0	0	620,000
170	PFO-008-12	New Park Design/Development/Construction	0	0	0	0	0	0	300,000	0	300,000
171	PFO-008-17	Riverfront Exercise Equipment	0	500,000	0	0	0	0	0	0	500,000
187	PFO-009-12	Park Bridges/Shelters/Buildings/Capital Rehabilitation Program	0	0	168,000	100,000	100,000	100,000	132,000	1,300,000	1,900,000
172	PFO-009-20	Parks Signage	0	0	0	0	0	0	0	0	0
173	PFO-010-17	Dog Park Development	0	75,000	0	0	0	0	0	0	75,000
174	PFO-010-20	Park Bench Replacement Program	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	400,000
175	PFO-011-12	Beautification of Civic Gateways and Other Open Spaces	0	0	500,000	1,500,000	0	0	300,000	300,000	2,600,000
176	PFO-011-20	ICIP -Const'n of Civic Plaza Linking to Enhanced Riverfront Parks System - Connecting People/Places	4,667,881	1,800,000	4,229,621	2,926,540	3,117,540	2,941,945	727,000	300,000	20,710,527
177	PFO-012-12	Park Trails Capital Rehabilitation Program	200,000	200,000	600,000	0	200,000	200,000	200,000	0	1,600,000
179	PFO-012-17	Central Park Tennis Court (Repave, New Nets, Paint)	0	100,000	0	0	0	0	0	0	100,000
180	PFO-013-12	Park-Related Parking Lots Capital Upgrades	500,000	200,000	200,000	200,000	100,000	350,000	500,000	200,000	2,250,000
181	PFO-014-12	Park Community Partnership Initiatives	25,000	25,000	25,000	25,000	25,000	25,000	0	0	150,000
182	PFO-015-12	Parks Master Plan	0	50,000	50,000	0	0	0	125,000	50,000	275,000
183	PFO-016-12	Parkland Acquisitions	0	0	0	0	0	0	0	0	0
184	PFO-017-12	Playground Equipment Removal	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000
578	PLN-021-07	City Hall Square and Civic Esplanade	0	0	0	0	0	0	0	0	0
191	REC-001-08	The WFCU Centre Transitional Budget	0	0	400,000	0	0	0	0	0	400,000
201	REC-001-18	Monument and Memorial Capital Repairs	0	0	75,000	75,000	0	75,000	75,000	75,000	375,000
205	REC-002-07	Lakeview Park Marina Rehabilitation Program	1,393,646	2,171,240	360,114	950,000	50,000	50,000	34,000	34,000	5,043,000
192	REC-002-14	Relocation of Sandpoint Beach	22,500	0	0	0	227,500	0	0	0	250,000
194	REC-003-07	Municipal Pools Refurbishment Program	433,280	100,000	300,000	180,000	150,000	2,390,201	2,950,000	2,750,000	9,253,481
199	REC-004-07	Recreation Facility Refurbishment Program	50,000	50,000	50,000	50,000	300,000	50,000	100,000	50,000	700,000
124	REC-004-08	The WFCU Centre Capital Rehabilitation Program	480,000	978,441	0	650,000	0	200,000	540,000	790,000	3,638,441
207	REC-005-16	Gino & Liz Marcus Community Centre Family Change Room	1,100,000	0	0	0	0	0	0	0	1,100,000

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2020

Parks & Recreation Total

17,239,598	17,367,966	15,239,109	15,243,244	15,671,211	15,106,017	16,616,000	14,114,000	126,597,145
------------	------------	------------	------------	------------	------------	------------	------------	-------------

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2020

Corporate Property Infrastructure

Page #	Project #	Project Name	2020	2021	2022	2023	2024	2025	2026	2027	Total
289	ECP-001-16	New City Hall Construction	0	4,850,000	0	0	0	0	0	0	4,850,000
290	ECP-009-08	Corporate Properties Site Assessments/Clean-ups/Demolitions	200,000	200,000	200,000	0	0	0	0	0	600,000
296	ENG-001-18	Concord School Demolition	0	0	0	0	0	0	0	0	0
80	ENG-004-16	Corporate Facilities Access Protocols	0	50,000	50,000	50,000	75,000	75,000	75,000	75,000	450,000
82	ENG-005-16	2437 Howard Ave. Improvements Placeholder	0	0	0	0	0	0	0	0	0
83	ENG-006-17	Windsor International Aquatic Training Centre – Ongoing Capital Maintenance	80,000	0	150,000	150,000	971,500	568,500	150,000	150,000	2,220,000
85	ENG-007-17	Facility Maintenance Equipment Program	0	0	50,000	50,000	50,000	50,000	50,000	50,000	300,000
86	ENG-008-16	400 City Hall Square Workplace Reconfiguration	162,000	0	0	0	0	0	0	0	162,000
87	ENG-010-17	Capitol Theatre Capital Rehabilitation Program	560,000	250,000	200,000	0	750,000	750,000	0	0	2,510,000
89	ENG-011-17	400 City Hall Square - Capital Repairs	700,000	500,000	0	129,700	1,690,300	0	500,000	500,000	4,020,000
299	ENG-011-20	New Windsor Public Library Central Branch	0	0	0	0	0	0	0	0	0
287	ENG-015-20	New City Hall Expansion Space – 3rd floor	880,000	0	0	0	0	0	0	0	880,000
550	ENG-041-17	Enwin Substations Acquisition (Avon/Mark Parks)	0	150,000	0	0	0	0	0	0	150,000
216	FIN-001-15	Sub-Metering - Energy Cost Savings Initiative	0	150,000	0	0	0	0	0	0	150,000
218	FIN-001-18	Net Metering	0	0	0	0	0	0	0	0	0
221	FIN-003-15	Corporate Wide Facilities Lighting Sensors and Timers	5,000	0	0	0	0	0	0	0	5,000
222	FIN-003-18	Geothermal/High Efficiency Heating and Cooling Systems	0	0	0	0	0	0	0	0	0
223	FIN-004-15	400 City Hall Square Energy Efficiency Upgrades	0	100,000	0	0	0	0	0	0	100,000
224	FIN-004-18	Enterprise Wide Energy Management System Software	0	0	0	0	0	0	0	0	0
227	FIN-006-15	Transit Windsor Installation of NOx and CO Sensors	2,000	0	0	0	0	0	0	0	2,000
228	FIN-007-15	Huron Lodge Energy Efficiency Initiatives - LED/Sub-Metering/HVAC Upgrades	0	50,000	0	0	0	0	0	0	50,000
536	FRS-001-18	Radio Service Monitor	0	45,000	0	0	0	0	0	0	45,000
525	FRS-001-19	Water Rescue Equipment - Fire & Rescue Division	130,000	0	0	0	0	0	0	0	130,000
538	FRS-002-16	Fire Engine Portable Hoists	0	80,000	0	0	0	0	0	0	80,000
539	FRS-002-18	Breathing Air-Compressor Replacement	0	0	100,000	0	0	0	0	0	100,000
528	FRS-002-19	Fire & Rescue - Forcible Entry Prop	0	0	0	0	20,000	0	0	0	20,000
530	FRS-003-13	New Fire Headquarters - Station #1	0	0	0	0	0	0	0	1,500,000	1,500,000
541	FRS-003-16	Fire Education Materials, Displays & Equipment	20,000	0	0	0	0	20,000	0	0	40,000

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2020

532	FRS-003-19	Renovation and Addition to Fire & Rescue Training Facility	0	0	0	0	0	0	0	0	0
534	FRS-003-20	Fire & Rescue Washer Extractor	0	0	0	0	0	0	0	0	0
542	FRS-004-18	Posichek Machine (SCBA tester)	0	0	25,000	0	0	0	0	0	25,000
544	FRS-005-18	Shop Air-Compressor	0	0	0	0	25,000	0	0	0	25,000
545	FRS-006-18	Hoist Replacement	0	0	0	0	0	0	0	0	0
535	FRS-007-18	Thermal Imaging Camera - Fire & Rescue Services	0	0	50,000	50,000	0	0	0	0	100,000
269	HCP-001-07	Accessibility - ODA Compliance	100,000	100,000	100,000	0	50,000	50,000	50,000	50,000	500,000
90	HCP-001-10	Corporate Facilities Water Backflow Prevention Program	200,000	0	100,000	0	0	0	0	0	300,000
92	HCP-002-07	Corporate Facilities Roof Replacement Program	1,330,500	410,000	400,000	400,000	400,000	400,000	1,700,000	200,000	5,240,500
95	HCP-002-09	Fire Hall Capital Refurbishment Program	0	50,000	100,000	150,000	0	0	0	150,000	450,000
97	HCP-005-08	Corporate Facilities Paving Program	0	1,215,000	1,070,000	100,000	2,315,000	3,150,000	0	500,000	8,350,000
99	HCP-010-07	Willistead Complex Capital Rehabilitation Program	0	150,000	900,000	50,000	50,000	650,000	1,500,000	550,000	3,850,000
203	HCP-011-07	Willistead Complex Restoration Rehabilitation Program	100,000	0	0	0	0	0	0	0	100,000
66	HLD-001-12	Huron Lodge Nursing Equipment Replacement Program	150,000	150,000	450,000	50,000	50,000	50,000	75,000	75,000	1,050,000
76	HLD-001-13	Huron Lodge Beds/Mattresses/Furniture Replacement Program	100,000	100,000	100,000	100,000	100,000	100,000	200,000	200,000	1,000,000
67	HLD-001-15	Huron Lodge Ceiling Mounted Resident Lift Replacement Program	200,000	200,000	100,000	100,000	100,000	110,000	120,000	120,000	1,050,000
70	HLD-001-17	Huron Lodge Dietary Servery and Cafe Updates and Equipment Replacement	0	35,000	35,000	35,000	35,000	35,000	50,000	50,000	275,000
71	HLD-002-12	Huron Lodge Cooking and Food Preparation Equipment Replacement Program	0	40,000	40,000	40,000	0	42,000	45,000	45,000	252,000
77	HLD-002-17	Huron Lodge Resident Services Equipment Replacement	0	124,500	50,000	0	0	0	40,000	150,000	364,500
72	HLD-003-15	Huron Lodge Dish Machines and Industrial Kitchen Equipment	0	110,000	0	40,000	0	50,000	50,000	50,000	300,000
73	HLD-004-15	Huron Lodge Refrigeration and Freezer Equipment Replacement	0	0	175,000	0	0	0	175,000	100,000	450,000
280	HRS-002-08	Corporate Health and Safety Program - Assessments	10,000	10,000	0	0	0	0	0	0	20,000
273	HRS-002-09	Accessibility - AODA Standard Training, Materials and Outreach	74,500	0	0	0	0	0	0	0	74,500
277	HRS-002-17	Corporate Ergonomic Equipment	0	0	0	0	35,000	0	0	0	35,000
551	LGL-001-17	Former Marlborough Community Centre	0	0	60,000	0	0	0	0	0	60,000
553	LGL-002-17	Demolition of Transitional Buildings	0	0	0	0	100,000	100,000	0	0	200,000
441	OPS-002-19	Property Development at 3890 North Service Rd E	0	0	0	0	0	0	0	0	0
101	OPS-007-07	Public Works Operations Facilities Refurbishment	25,000	596,101	575,000	653,899	25,000	25,000	25,000	25,000	1,950,000
103	PFO-001-12	Corporate Properties Security Systems and Infrastructure	50,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	575,000

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2020

105	PFO-001-15	Huron Lodge Environmental Services Equipment Replacement	175,000	0	175,000	0	0	0	175,000	175,000	700,000
106	PFO-002-12	Facility Structural & Building Envelope Maintenance Program	150,000	50,000	50,000	50,000	50,000	550,000	150,000	500,000	1,550,000
108	PFO-002-14	Huron Lodge Facility Rehabilitation Program	230,000	0	0	0	0	750,000	750,000	100,000	1,830,000
110	PFO-002-18	Facility & Parks Building Demolitions	0	0	100,000	100,000	100,000	0	100,000	100,000	500,000
111	PFO-002-19	Fountain Restoration and Repairs	50,000	0	449,500	750,500	250,000	1,250,000	0	160,000	2,910,000
112	PFO-003-11	Corporate Designated Substance Remediation Program	0	0	0	0	0	0	50,000	50,000	100,000
113	PFO-003-13	Art Gallery of Windsor Capital Refurbishment	30,000	75,000	25,000	125,000	0	0	125,000	125,000	505,000
114	PFO-003-14	Corporate Facilities Boiler Replacement Program	0	0	50,000	50,000	50,000	50,000	950,000	150,000	1,300,000
115	PFO-004-12	Corporate Facilities Building Condition Assessments	50,000	150,000	50,000	50,000	0	0	200,000	200,000	700,000
116	PFO-004-14	Facilities Operations Business Process Improvements	50,000	0	0	0	0	0	0	0	50,000
117	PFO-004-20	Windsor Lawn Bowling Club Exterior Repairs	100,000	0	100,000	100,000	0	0	0	0	300,000
118	PFO-009-11	Corporate Heating & Cooling Replacement/Repair Program	500,000	400,000	1,335,000	1,350,000	100,000	500,000	1,130,000	600,000	5,915,000
120	PFO-010-11	Corporate Facilities Flooring and Finishes Replacement Program	0	100,000	100,000	100,000	50,000	50,000	100,000	100,000	600,000
122	PFO-014-07	Corporate Facilities Health & Safety Compliance	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	700,000
127	REC-005-07	Corporate Arena Refurbishments	280,000	250,000	375,000	200,000	1,000,000	200,000	780,000	1,310,000	4,395,000
130	REC-006-07	Mackenzie Hall Repair and Maintenance	0	0	50,000	250,000	0	0	375,000	2,150,000	2,825,000
520	TRN-001-17	Transit Windsor - Building Maintenance	0	0	0	0	0	0	400,000	0	400,000
Corporate Property Infrastructure Total			6,694,000	10,915,601	8,114,500	5,449,099	8,616,800	9,750,500	10,265,000	10,435,000	70,240,500

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2020

Corporate Technology

Page #	Project #	Project Name	2020	2021	2022	2023	2024	2025	2026	2027	Total
366	ENG-010-20	Replacement of Aging EIS - Internal Mapping Application	100,000	0	0	0	0	0	0	0	100,000
217	FIN-001-17	Asset Planning Service Design and Implementation	547,000	0	0	0	0	0	0	0	547,000
229	FIN-001-20	Accounts Payable Business Process Review	90,000	160,000	0	0	0	0	0	0	250,000
231	FIN-002-20	Financial Statement and Bank Reconciliation Automation	150,000	0	0	0	0	0	0	0	150,000
527	FRS-001-20	Technology Replacements - Emergency Operations Centre (EOC)	0	0	0	0	0	0	150,000	150,000	300,000
537	FRS-002-07	Fire & Rescue Computer-aided Dispatch System (CRISYS)	50,000	0	0	50,000	0	0	50,000	0	150,000
543	FRS-004-19	WFRS - Next Gen 911 Telecommunications Rehabilitation Program	125,000	225,000	0	0	300,000	1,600,000	0	0	2,250,000
64	HLD-001-11	Huron Lodge Point of Care Technology Implementation including Wireless and Wired Care	0	0	0	0	0	0	0	100,000	100,000
68	HLD-002-15	Huron Lodge Resident Monitoring & Nurse Bedside Call System	0	20,000	0	100,000	0	25,000	20,000	20,000	185,000
74	HLD-006-15	Huron Lodge Dietary Management System Maintenance	0	0	75,000	105,000	0	35,000	0	70,000	285,000
275	HRS-002-11	Corporate Employee Online Training Programs	0	20,000	0	0	0	0	0	0	20,000
234	ITC-001-08	Information Technology Business Continuity Improvements	100,000	100,000	200,000	150,000	150,000	100,000	0	0	800,000
244	ITC-001-09	Corporate Facilities Content Access Improvements	200,000	0	200,000	0	0	0	0	0	400,000
236	ITC-001-10	Smart Community Initiative	136,400	136,400	200,000	200,000	200,000	200,000	200,000	200,000	1,472,800
242	ITC-001-12	Fire and Rescue Records Management and Computer Aided Dispatch System Initiatives	0	800,000	0	0	0	0	100,000	100,000	1,000,000
237	ITC-001-13	Corporate Integration of Mobile Technologies	0	375,000	0	300,000	0	0	0	625,000	1,300,000
254	ITC-001-18	Online Access for Non-Network Users	250,000	200,000	100,000	0	0	0	0	0	550,000
245	ITC-001-19	Funding for Microsoft Software	0	0	0	0	0	0	600,000	600,000	1,200,000
256	ITC-002-07	Corporate Electronic Storage and Retrieval Systems Upgrades	150,000	150,000	150,000	150,000	150,000	100,000	100,000	100,000	1,050,000
36	ITC-002-16	Corporate Radio Infrastructure	0	3,100,000	3,100,000	0	0	1,600,000	600,000	0	8,400,000
248	ITC-002-19	Municipal Tax System	233,500	795,500	0	1,341,000	0	0	530,000	0	2,900,000
258	ITC-003-07	Information Technology Network Infrastructure Improvements	230,000	250,000	200,000	200,000	200,000	200,000	200,000	200,000	1,680,000
239	ITC-003-19	Southwest Integrated Fibre Technology (SWIFT) Network	63,600	63,600	0	0	0	0	0	0	127,200
260	ITC-005-07	Corporate Data & Network Security Initiatives	329,000	176,000	300,000	300,000	300,000	100,000	100,000	100,000	1,705,000
262	ITC-006-07	Information Technology Disaster Recovery Initiatives	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000
240	ITC-007-07	Corporate Intranet Redesign & Internet Accessibility Improvements	0	0	850,000	0	0	850,000	0	0	1,700,000

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2020

250	ITC-008-07	Corporate Enterprise Resource Planning (ERP) System	125,000	250,000	250,000	250,000	0	516,696	2,000,000	2,154,473	5,546,169
252	ITC-011-07	AMANDA Information System Upgrades and Improvements	200,000	200,000	300,000	200,000	200,000	200,000	0	0	1,300,000
264	ITC-012-07	Corporate Telephone System Upgrades/Replacement	200,000	200,000	300,000	100,000	100,000	100,000	100,000	100,000	1,200,000
455	OPS-001-20	Corporate Fleet Software System	20,000	50,000	85,000	50,000	50,000	50,000	50,000	50,000	405,000
477	OPS-004-19	Infor Hansen Infrastructure Management System	135,000	90,000	0	0	0	0	65,000	65,000	355,000
575	PLN-005-07	Planning & Building E-Plan & E-Permit Review and Implementation	1,717,000	0	0	0	28,140	0	0	0	1,745,140
43	POL-001-20	Advanced Analytics and Process Optimization	0	0	0	0	0	0	250,000	250,000	500,000
285	WPL-002-20	Library Self Checkouts	0	0	0	0	0	0	0	0	0
Corporate Technology Total			5,251,500	7,461,500	6,410,000	3,596,000	1,778,140	5,776,696	5,215,000	4,984,473	40,473,309

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2020

Community & Economic Development

Page #	Project #	Project Name	2020	2021	2022	2023	2024	2025	2026	2027	Total
209	CAO-001-16	Paul Martin Bldg. Placeholder	0	0	0	0	0	3,968,359	0	0	3,968,359
210	CAO-002-18	New Windsor-Essex Hospital System Plan	0	0	0	6,900,000	6,900,000	6,900,000	6,900,000	6,900,000	34,500,000
189	ECB-038-18	Windsor International Film Festival (WIFF)	250,000	0	0	0	0	0	0	0	250,000
267	ECB-039-18	Ward Funds	0	0	0	1,600,000	0	0	0	0	1,600,000
574	ECB-042-18	Theme Districting - Downtown, Sandwich, Walkerville, Riverside, Ford City, Asian Town	234,000	696,000	300,000	3,595,000	0	0	0	0	4,825,000
215	ECB-044-18	Financing Charges	64,000	0	0	75,000	0	0	0	0	139,000
301	ENG-016-20	Kauth's Expansion Plan	0	0	1,175,000	0	0	0	0	0	1,175,000
302	ENG-027-17	Wyandotte Town Centre's World Marketplace Redevelopment - Phase 1	0	0	0	0	1,000,000	0	0	0	1,000,000
233	FIN-001-14	Development Charges Study and Bylaw Update	40,000	0	0	0	50,000	50,000	0	0	140,000
220	FIN-001-19	Grant Matching Funding and Mitigating Inflationary Pressures	1,176,000	1,000,000	1,500,000	1,000,000	1,500,000	1,500,000	2,500,000	2,500,000	12,676,000
212	FIN-006-16	(Legislated) Liability for Contaminated Sites	0	0	100,000	0	0	0	0	0	100,000
268	FIN-007-16	Ward Funds	400,000	0	0	0	0	0	0	0	400,000
546	FRS-008-18	WFRS - Development of the Strategic Plan and Accreditation Process	335,970	37,330	0	0	0	0	0	0	373,300
271	HRS-001-19	Diversity and Inclusion Initiative (Phases 1 and 2)	120,000	0	0	0	0	0	0	0	120,000
552	LGL-002-16	Environmentally Significant Lands Acquisition Placeholder	1,500,000	0	0	0	0	0	0	0	1,500,000
554	LGL-003-17	Confidential Property Related Matters - In-Camera Items	3,950,000	500,000	0	0	0	0	0	0	4,450,000
54	MAY-001-19	Windsor Branding	500,000	500,000	0	0	0	0	0	0	1,000,000
556	PBG-001-18	Official Plan Review	0	0	0	0	0	0	0	0	0
557	PBG-002-14	Serviced Employment Lands/Shovel Ready Sites Program	0	50,000	0	0	0	0	0	0	50,000
558	PBG-002-18	Comprehensive Zoning B-Law	0	0	250,000	0	0	0	0	0	250,000
555	PBG-003-18	Annexed Lands Growth/Development - Stormwater Financing Study	0	0	670,000	0	0	0	0	0	670,000
559	PLN-007-07	Growth Management Plan Review and Implementation	0	0	0	0	0	0	0	0	0
560	PLN-008-07	"Green Windsor" Protection and Funding Strategy	0	0	0	0	0	0	100,000	0	100,000
561	PLN-010-07	Heritage Preservation Study and Identification of Incentives	0	435,000	0	0	0	0	0	0	435,000
577	PLN-012-07	City Centre Community Development Plan	0	0	0	0	0	0	500,000	0	500,000
562	PLN-017-07	Business Improvement Area Assistance Program	150,000	0	0	0	0	0	0	0	150,000
576	PLN-018-07	Neighbourhood Studies and Design Guidelines	100,000	25,000	0	0	0	0	0	0	125,000
283	WPL-001-20	WPL Electronic Signs	0	0	0	0	0	0	0	0	0

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2020

Community & Economic Development Total	8,819,970	3,243,330	3,995,000	13,170,000	9,450,000	12,418,359	10,000,000	9,400,000	70,496,659
---	------------------	------------------	------------------	-------------------	------------------	-------------------	-------------------	------------------	-------------------

City Of Windsor
Capital Project Listing By Major Category (Gross)
 For Budget Year 2020

Capital Reserve Replenishment											
Page #	Project #	Project Name	2020	2021	2022	2023	2024	2025	2026	2027	Total
214	FIN-009-15	Capital Reserve Replenishment Allocation	3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	25,680,000
Capital Reserve Replenishment Total			3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	25,680,000

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2020

Agencies, Boards and Committees (ABC's)											
Page #	Project #	Project Name	2020	2021	2022	2023	2024	2025	2026	2027	Total
31	ECP-010-09	Airport Various Asset Replacement/Refurbishment/Upgrades	2,900,000	2,560,000	1,205,000	280,000	710,000	500,000	0	0	8,155,000
32	ECP-046-07	Airport Drainage and Pavement Improvements	380,000	380,000	300,000	195,000	0	0	100,000	100,000	1,455,000
298	ENG-003-18	Sandwich Library	465,720	0	500,000	0	0	0	0	0	965,720
529	FRS-002-20	Command Post Vehicle - Bosch MIC Camera replacement	0	0	0	0	0	0	60,000	0	60,000
56	HCS-001-07	City Housing Reserve Fund	0	0	1,250,000	1,250,000	0	0	0	0	2,500,000
59	HCS-001-14	Windsor Essex Community Housing Corporation Capital Improvements	0	306,693	4,235,523	0	0	3,030,303	0	0	7,572,519
62	HCS-001-19	Meadowbrook Housing	3,729,384	0	0	0	0	0	0	0	3,729,384
39	POL-001-09	Windsor Police Service Fleet Replacement/Refurbishment Program	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	10,144,000
41	POL-001-11	Windsor Police Service - Jefferson Operational Support Services Facility	0	0	500,000	0	0	0	0	0	500,000
45	POL-002-19	Windsor Police Service - Specialized Equipment	100,000	235,000	130,000	585,000	535,000	350,000	565,000	230,000	2,730,000
46	POL-003-19	Windsor Police Service - Technology Projects	400,000	425,000	475,000	425,000	425,000	425,000	425,000	350,000	3,350,000
48	POL-004-19	Windsor Police Service - Telecommunications	525,000	450,000	400,000	425,000	400,000	200,000	600,000	800,000	3,800,000
50	POL-005-19	Windsor Police Service - Facility Projects	475,000	350,000	200,000	350,000	200,000	250,000	150,000	150,000	2,125,000
51	POL-007-13	Windsor Police Service Business Intelligence Technology and Processes Improvements	0	500,000	0	0	0	0	0	0	500,000
29	RGC-001-18	Roseland/Little River Golf Courses Asset Replacement/Improvements	0	188,000	277,000	0	0	0	265,000	0	730,000
27	TRN-005-07	Handi-Transit Bus Acquisitions	240,000	400,000	120,000	120,000	0	0	555,000	155,000	1,590,000
282	WPL-001-17	Windsor Public Library Refurbishments	0	71,344	89,180	33,752	46,000	46,000	31,000	48,000	365,276
284	WPL-002-18	Windsor Public Library Materials Acquisitions	150,000	150,000	125,000	125,000	150,000	150,000	150,000	150,000	1,150,000
Agencies, Boards and Committees (ABC's) Total			10,633,104	7,284,037	11,074,703	5,056,752	3,734,000	6,219,303	4,169,000	3,251,000	51,421,899
Grand Total			166,598,146	155,187,803	151,463,881	153,581,400	159,154,659	164,593,466	154,406,789	149,400,183	1,254,386,327

2020 Approved Capital Budget



SECTION D:

Capital Project Summaries

Agencies, Boards & Committees



Project Version Summary

Project #	TRN-005-07	Service Area	Agencies, Boards & Committees
Budget Year	2020	Department	Agencies
Asset Type	Unassigned	Division	External Agencies
Title	Handi-Transit Bus Acquisitions		
Budget Status	Council Approved Budget		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

<p>Project Description</p> <p>Bus replacement vehicles which have been listed annually on the MTO Forms. Cost is estimated based on previous purchases, however, Handi Transit plans to access the Metrolinx project in order to obtain the best price possible before purchasing.</p>	<p>Version Description</p> <p>2019: Purchase 4 replacement vehicles- approx. cost of \$138,311 each plus applicable HST. - \$562,981. 2020: Purchase 2 replacement vehicles - approx. cost \$145,227 each plus applicable HST. - \$295,565 plus additional \$75,000 required due to pre-commitment of 2020 funding for 2019 purchases. 2021: Purchase 2 replacement vehicle - approx. cost \$152,488 each plus applicable HST. - \$310,343 2022: Purchase 2 replacement vehicle - approx. cost \$160,112 each plus applicable HST. - \$325,860 2023: Purchase 2 replacement vehicle - approx. cost \$168,118 each plus applicable HST. - \$342,154 2024: Purchase 2 replacement vehicle - approx. cost \$176,524 each plus applicable HST- \$359,261 2025: Purchase 2 replacement vehicle - approx. cost \$185,350 each plus applicable HST-\$377,224 2026: Purchase 2 replacement vehicle - approx. cost \$194,617 each plus applicable HST- \$396,085 2027: Purchase 2 replacement vehicle - approx. cost \$204,348 each plus applicable HST- \$415,890 2028+: Purchase 6 replacement vehicles until 2030 - approx. cost \$218,342 for 2028, \$225,294 for 2029 and \$236,558 for 2030 each plus application HST - \$1,376,647</p> <p>Following this replacement schedule will keep the Handi Transit buses on a 6 year life cycle which will assist with minimizing maintenance and repair costs as well as ensure the buses are safe for all riders.</p>
<p>Project Comments/Reference</p> <p>(7081003/7091038/7151008/7161043 Closed) 7191019</p>	<p>Version Comments</p> <p>PRE-COMMITMENT: As per B55/2019, City Council approved a pre-commitment of \$75,000 in 2020 to purchase 4 buses.</p> <p>Note that funding is not tied to the timing of the purchases per year.</p>

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	240,000	240,000	0	5110	Machinery & Equipment - TCA									
2021	400,000	400,000	0		240,000	400,000	120,000	120,000	0	0	555,000	155,000	2,384,138	3,974,138
2022	120,000	120,000	0		Total									
2023	120,000	120,000	0		240,000	400,000	120,000	120,000	0	0	555,000	155,000	2,384,138	3,974,138
2024	0	0	0	Revenues										
2025	0	0	0	169	Pay As You Go - Capital Reserve									
2026	555,000	555,000	0		240,000	400,000	120,000	120,000	0	0	555,000	155,000	2,384,138	3,974,138
2027	155,000	155,000	0		Total									
2028+	2,384,138	2,384,138	0		240,000	400,000	120,000	120,000	0	0	555,000	155,000	2,384,138	3,974,138
	3,974,138	3,974,138	0											
Historical Approved Budget														
		Revenue												
Year	Total Expense	Net City Cost	Subsidies											
2008	440,000	294,000	146,000											
2009	210,000	210,000	0											
2015	360,000	360,000	0											
2016	480,000	480,000	0											
2019	480,000	480,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	Handi-Transit acquired (4) four new buses in 2016, with these new vehicles in the fleet we will have 50% of our fleet that should require minimal maintenance in order to meet and maintain MTO requirements.								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2007	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %		Lori Colenutt				2020+						



Project Version Summary

Project #	RGC-001-18	Service Area	Agencies, Boards & Committees
Budget Year	2020	Department	Roseland Golf & Country Club
Asset Type	Unassigned	Division	Roseland Operations
Title	Roseland/Little River Golf Courses Asset Replacement/Improvements		
Budget Status	Council Approved Budget		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description				Version Description											
<p>In a recent audit of the Roseland Golf and Curling Club by Price Waterhouse Cooper the need to develop a strategic / business plan as well as an asset management plan in conjunction with the City's Asset Planning Department was identified.</p> <p>The capital budget request represents an added plan to getting some more of the more immediate capital needs and is supported by reports and conditions of capital assets which were assessed in 2017 or earlier based on physical condition and degree of risk which collectively would be difficult for Roseland to fund independently.</p>				<p>Roseland Golf Course Building Infrastructure Rehabilitation - \$90,000 Roseland Golf Course Grounds Equipment Replacement - \$175,000 Little River Golf Course Infrastructure Replacement - \$100,000</p>											
Project Comments/Reference				Version Comments											
See attached document.				<p>PRE-COMMITMENT: CR176/2018, Report # C 43/2018 approved a commitment of \$100,000 in 2022 from F169.</p> <p>CR261/2019, Report C 96/2019 approved a commitment of \$188,000 in 2021 from F169 and \$177,000 in 2022 from F169</p>											
Project Forecast				Project Detailed Forecast											
		Revenue													
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
2020	0	0	0	Expenses											
2021	188,000	188,000	0	5110	Machinery & Equipment - TCA										
2022	277,000	277,000	0		0	188,000	277,000	0	0	0	265,000	0	3,729,000	4,459,000	
2023	0	0	0		Total										
2024	0	0	0		0	188,000	277,000	0	0	0	265,000	0	3,729,000	4,459,000	
2025	0	0	0	Revenues											
2026	265,000	265,000	0	169	Pay As You Go - Capital Reserve										
2027	0	0	0		0	188,000	277,000	0	0	0	265,000	0	3,729,000	4,459,000	
2028+	3,729,000	3,729,000	0		Total										
	4,459,000	4,459,000	0		0	188,000	277,000	0	0	0	265,000	0	3,729,000	4,459,000	
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2018	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Dave Deluzio	2023+											



*Roseland Golf & Curling Club
Windsor Ontario Canada
455 Kennedy Drive West N9G 1S8*

Est. 1926 - Public Since 1972

September 26, 2018

Corporation of the City of Windsor
350 City Hall Square West
Windsor Ontario. N9A 6S1

Attention: Mr. Joe Mancina, Chief Financial Officer, City Treasurer

Dear Mr. Mancina

RE: Roseland Golf and Curling Club Ltd 2019 Capital Budget Submission

As you are aware, the Roseland Golf and Curling Club and the Little River Golf Course are wholly owned assets of the City of Windsor. In 2018, stemming partially from audit findings of the Roseland Golf and Curling Club by Price Waterhouse Cooper; Roseland received \$100K as an initial start to getting some of the more immediate capital needs addressed while Roseland Administration, the Roseland Board of Directors and the City Asset Management Group begin the process of undertaking the development and planned implementation of capital and business needs.

From the 2018 capital budget, all projects and purchases have been completed and additionally funds were reserved to pay the interest cost to bring the funds forward from 2022 as well as funds for strategic planning. Once available funds were realized from actual capital expenditures, Roseland Administration with City Asset Management Group have begun developing capital and business needs.

Both the Roseland and Little River operations generate revenue and profit, which is seriously minimized by significant overhead costs of maintenance and repairs to aging infrastructure and equipment. The general condition of key elements of the asset also has begun to affect the ability to generate revenue.

On the direction of the Roseland Board of Directors, the attached 2019 capital budget request represents a request for capital funds for restoration and replacement only and excludes any request for capital for growth..

With the recommendation of the Roseland Board of Directors, I forwarded to you and request for consideration for 2019 capital funds for the Roseland Golf and Curling Club as follows:

Roseland Building Infrastructure Rehabilitation - \$90,000

Roseland Grounds Equipment Replacement - \$ 175,000

Little River Golf Course Infrastructure Replacement - \$100,000

Thank you for your consideration.

Phil Roberts
General Manager
Roseland Golf and Curling Club Ltd.



Project Version Summary

Project # ECP-010-09 **Service Area** Agencies, Boards & Committees
Budget Year 2020 **Department** Windsor Airport
Asset Type Unassigned **Division** Windsor-Airport

Title Airport Various Asset Replacement/Refurbishment/Upgrades
Budget Status Council Approved Budget
Major Category Agencies, Boards and Committees (ABC's)
Wards Ward 9
Version Name Main (Active)

Project Description				Version Description																	
The YQG letter outlines a list of projects required over the next 8 years to be funded by YQG.				Requests for the 2020 8-year Capital Budget are outlined in the attached letter.																	
Project Comments/Reference				Version Comments																	
7141054/7141055 See attached YQG letter approved by YQG Board of Directors.				It should be noted that various applications will be submitted seeking ACAP funding.																	
Project Forecast				Project Detailed Forecast																	
		Revenue																			
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>							
2020	2,900,000	0	2,900,000	Expenses																	
2021	2,560,000	0	2,560,000	5410 Construction Contracts - TCA																	
2022	1,205,000	0	1,205,000	2,900,000 2,560,000 1,205,000 280,000 710,000 500,000 0 0 0 8,155,000																	
2023	280,000	0	280,000	Total 2,900,000 2,560,000 1,205,000 280,000 710,000 500,000 0 0 0 8,155,000																	
2024	710,000	0	710,000	Revenues																	
2025	500,000	0	500,000	6560 Dividends																	
2026	0	0	0	2,900,000 2,560,000 1,205,000 280,000 710,000 500,000 0 0 0 8,155,000																	
2027	0	0	0	Total 2,900,000 2,560,000 1,205,000 280,000 710,000 500,000 0 0 0 8,155,000																	
2028+	0	0	0																		
8,155,000		0		8,155,000																	
Historical Approved Budget																					
		Revenue																			
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>																		
2016	160,000	160,000	0																		
2017	460,000	460,000	0																		
2018	650,000	159,000	491,000																		
2019	4,811,000	0	4,811,000																		
Related Projects				Operating Budget Impact																	
Precedes		Project Title		Effective Date		Description						Exp/(Rev)		FTE Impact							
ECP-046-07		Airport Drainage and Pavement Improvements		Unknown		These works are all related to replacement and refurbishment of existing equipment and are expected to result in decreased maintenance costs.						0		0							
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date													
2009	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %		France Isabelle Tunks				Ongoing													



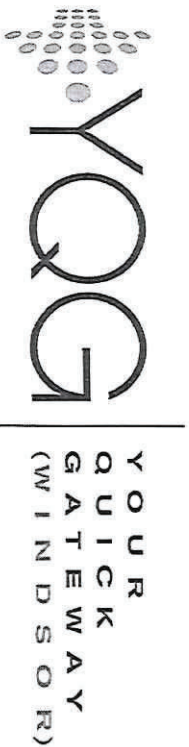
Project Version Summary

Project # ECP-046-07 **Service Area** Agencies, Boards & Committees
Budget Year 2020 **Department** Windsor Airport
Asset Type Unassigned **Division** Windsor-Airport

Title Airport Drainage and Pavement Improvements
Budget Status Council Approved Budget
Major Category Agencies, Boards and Committees (ABC's)
Wards Ward 9
Version Name Main (Active)

Project Description				Version Description											
YQG has requested funding for several drainage and pavement related improvements as outlined in the attached YQG letter.															
Project Comments/Reference				Version Comments											
(Closed: 7059011/7111009) 7141054 Drainage/Pavement Improv. See attached YQG letter approved by YQG Board of Directors.															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	380,000	380,000	0	5410 Construction Contracts - TCA											
2021	380,000	380,000	0			380,000	380,000	300,000	195,000	0	0	100,000	100,000	400,000	1,855,000
2022	300,000	300,000	0	Total		380,000	380,000	300,000	195,000	0	0	100,000	100,000	400,000	1,855,000
2023	195,000	195,000	0	Revenues											
2024	0	0	0	028 Sewer Surcharge											
2025	0	0	0			0	220,000	150,000	95,000	0	0	0	0	0	465,000
2026	100,000	100,000	0	160 Capital Expenditure Reserve											
2027	100,000	100,000	0			380,000	0	125,000	100,000	0	0	0	0	0	605,000
2028+	400,000	400,000	0	169 Pay As You Go - Capital Reserve											
	1,855,000	1,855,000	0			0	160,000	25,000	0	0	0	100,000	100,000	400,000	785,000
				Total		380,000	380,000	300,000	195,000	0	0	100,000	100,000	400,000	1,855,000
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2009	250,000	250,000	0												
2010	310,000	310,000	0												
2011	660,000	660,000	0												
2012	660,000	510,000	150,000												
2013	260,000	260,000	0												
2014	400,000	400,000	0												
2015	150,000	150,000	0												
2016	650,000	650,000	0												
2017	460,000	460,000	0												
2018	140,000	140,000	0												
2019	345,000	345,000	0												

Related Projects		Operating Budget Impact			
Follows	Project Title	Effective Date	Description	Exp/(Rev)	FTE Impact
ECP-010-09	Airport Various Asset Replacement/Refurbishment/Upgrades	Unknown	These works are all related to rehabilitation and repair of existing Airport facilities and are expected to result in decreased operating costs, going forward.	0	0
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
2007	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %	France Isabelle Tunks	Ongoing	



Windsor International Airport
 3200 County Rd. 42
 Unit Number 200
 Windsor, Ontario
 Canada, N8V 0A1

phone: 519-969-2430
 fax: 519-969-6053
 web: www.YQG.ca

January 20, 2020

Corporation of the City of Windsor
 350 City Hall Square West
 Windsor, On N9A 6S1

Attention: Onorio Colucci, Chief Administrative Officer

Dear Mr. Colucci;

**SEVEN (7) YEAR CAPITAL PLAN FOR AIRPORT OPERATIONS
 YOUR QUICK GATEWAY (WINDSOR) INC. – UPDATED**

Your Quick Gateway (Windsor) Inc. ("YQG") hereby requests your consideration for funding the seven (7) year drainage plan for the Windsor International Airport. The Capital funding is requested to protect airport infrastructure and sustain airport operations in compliance with ongoing Federal, Provincial and Municipal regulatory and legal requirements.

Airport Operations

Section 6.3 of the Airport Management Agreement between the Corporation of the City of Windsor and YQG provides as follows:

YQG shall prepare a five-year Capital Improvement Plan for the airport, which shall be reviewed by the Airport Coordinating Committee on an annual basis and recommended to council for approval. Once the five year plan has been approved by Council, items forming part of this plan shall be included in a Capital Budget within the five-year timeframe as decided by YQG and approved by the Airport Coordinating Committee.

The proposed Capital Improvements will benefit all airline passengers, general aviation aircraft, flight training facilities, the MRO and cargo aircraft. The improvements are required to help ensure that the airport meets safely related regulatory requirements as prescribed by Transport Canada as well as the long term growth of air service for domestic and International travelers.

YQG is requesting Capital assistance for airport drainage works, from the Sewer Surcharge funds over the next Seven (7) years. These funds will be used for maintenance and improvements to the open Municipal drains crossing airport property, rehabilitation and replacement of sub-surface drainage systems at the ATB and the general aviation areas of the airport grounds.

YEAR	2020	2021	2022	2023	2024	2025	2026
Drainage Work	380,000	380,000	300,000	195,000	300,000	300,000	150,000

YQG, is requesting to spend \$2,100,000 in 2020 that has been paid to the Corporation of the City of Windsor by way of Dividends in 2019, to complete unfinished projects identified in 2019 budget documents, specifically; Design and Rehabilitation of Apron I, Design and Engineering of Hayes Road, Backhoe replacement, and replacement of tractor with attached side mower.

YQG is requesting the approval of \$8,935,000 for the period from January 2021 to December, 2026 for the completion of projects listed below. These projects will be funded from YQG reserves, with funds transferred from YQG to the Corporation of the City of Windsor by way of Dividends in advance of spending. Timing of these projects will be dependent on the YQG cash flows, with each tranche of specific funding approved annually by City Council and the YQG Board of Directors.

PROJECT	Estimated Cost	PROJECT	Estimated Cost
Reconstruction of Hayes Road	1,500,000	Upgrade/Replace Security Camera system	350,000
Replacement of Front End Loader	300,000	Improvements / renovations to Operations building and facilities	280,000
Design and Rehabilitation of Delta Taxi and Apron III	1,400,000	Replacement of 4 WD Tractor	165,000
Purchase new Aircraft Firefighting Truck	950,000	Replacement of Tandem axle Dump/Plow truck	215,000
Approach Lighting for Runway 12 - 30	1,400,000	Replacement of HV cables and runway edge lighting rwy 07 - 25	750,000
Design and rehabilitation of Alpha taxiway	300,000	Design and engineering of Runway 07 - 25	200,000
Replacement of the International Baggage Conveyor	260,000	Replacement of the Sand Storage Building	150,000
Replacement of the Emergency Power Generator Engine	250,000	ATB Improvements and expansion preliminary design	230,000
Replacement of two (2) HVAC units	175,000	Removal and replacement of portable office building	160,000

Note; the projects listed are quoted in 2019 dollars and no inflationary consideration has been given

Thank you for your consideration of the above, we look forward to hearing from you at your convenience.

Sincerely,

Your Quick Gateway (Windsor) Inc.


 Mark Galvin
 Chief Executive Officer



Project Version Summary

Project #	ITC-002-16	Service Area	Agencies, Boards & Committees
Budget Year	2020	Department	Windsor Police Services
Asset Type	Unassigned	Division	Administration - Police
Title	Corporate Radio Infrastructure		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Version Description
<p>This capital project, ITC-002-16 (“Corporate Radio Infrastructure”), has a dedicated funding source, which is Reserve Fund 198 (“Radio Reserve”). Radio Reserve Fund 198 was created in 2015, through City Council Resolution CR209/2015, to establish a sustainable funding mechanism for the corporate radio system. The City of Windsor Finance Department projected operating and capital requirements from this reserve, through 2033, when establishing Reserve Fund 198 in 2015. The amounts reflected in ITC-002-16 match the capital requirements identified in the reserve fund projection, and as such, have sufficient funding from Reserve Fund 198.</p> <p>The corporate radio system is used by Windsor Police Services, Windsor Fire & Rescue Services, Transit Windsor and various operating departments within the Corporation of the City of Windsor. The system, an ASTRO P25 Digital Voice Radio Communications System from Motorola Solutions, was purchased in 2008 and implemented in 2009.</p> <p>The digital radio system components can be classified into three categories, Infrastructure (servers, software, networking equipment and emergency dispatch computers), End User Devices (in-vehicle and portable radios), and Transmission Equipment (broadcasting).</p> <p>The system Infrastructure has surpassed the typical useful life of similar Infrastructure for other corporate systems.</p> <p>Due to the critical nature of the corporate radio system, the need to rehabilitate the Infrastructure in relatively short order, and considering that the End User Devices and Transmission Equipment still have several years of useful service life remaining, it is recommended that this upgrade is purchased as soon as possible from the current vendor, Motorola Solutions, in order to maintain operability of the entire system through to the expected end of life for the balance of the system. It is recommended that a Request For Proposal process (RFP) be conducted between 2021-2023 to align with the end of life of the End User Devices, to provide for a more comprehensive system replacement.</p> <p>In addition to procuring an Infrastructure upgrade, a Motorola System Upgrade Agreement with Security Update Service will allow the City to keep the critical radio system Infrastructure current and reliable.</p> <p>In order to ensure a sustainable funding model for the corporate radio system, a thorough analysis of cost and funding projections through 2033 was undertaken. It was determined that long term investment requirements to maintain a public safety grade radio system at an appropriate level is significant and the current funding model falls short. An operating budget increase of \$700,000 in 2017 is required. Administration will submit this operating budget issue during the 2017 operating budget process.</p> <p>New corporate radio system sharing agreements with regional partners is a strategy that could reduce the net radio system costs for the City. Revenue from new sharing agreements would offset the funding requirements from the operating budget. The details and financial information related to any opportunities that appear likely will be brought forward to City Council for consideration and possible approval.</p>	<p>Recommendations as noted in the November 2, 2015 Corporate Radio System Infrastructure Upgrade Council Report (Report #18016), approved via CR209/2015:</p> <p>THAT City Council AUTHORIZE a one-time initial transfer of \$6,000,000 from the current Pay-As-You-Go Leasing Reserve fund to establish the new corporate radio system Pay-as-You-Go fund, with all current and subsequent annual transfers and expenditures relating to radios to be directed to and funded from this new Pay-as-You-Go reserve fund.</p> <p>THAT City Council AUTHORIZE a Sole Source procurement, in compliance with applicable City of Windsor policies and by-laws, for the following from Motorola Solutions, to be funded from the new corporate radio system Pay-as-You-Go fund as described in item “I” above.</p> <ul style="list-style-type: none"> • Infrastructure upgrade, for a cost of \$1,589,205, plus net taxes • II. A four-year System Upgrade Agreement with Security Update Service for an annual cost of \$254,777, plus net taxes <p>THAT City Council AUTHORIZE the Chief Administrative Officer and the City Clerk to sign the required agreements for the infrastructure upgrade and a four-year System Upgrade Agreement with Security Update Service with Motorola Solutions, subject to satisfactory review as to form by the City Solicitor, as to technical content by the Chief Information Officer /Executive Director of Information Technology and as to financial content by the Chief Financial Officer/City Treasurer.</p> <p>III. THAT City Council AUTHORIZE the Chief Administrative Officer and the City Clerk to sign a new four-year Motorola Communications System Support Agreement, subject to satisfactory review as to form by the City Solicitor, as to technical content by the Chief Information Officer /Executive Director of Information Technology and as to financial content by the Chief Financial Officer/City Treasurer This agreement will replace the existing Motorola Communications System Support Agreement, in order to realize a \$38,000 per year savings.</p> <p>IV. THAT City Council RECEIVE for information, and provide the approvals within this report with the understanding that these recommendations will result in a recommendation for a 2017 operating budget increase of a maximum of \$700,000 as an increased contribution by various departments, into the Corporate Radio system reserve; possibly lower if offset by community partnerships. Administration will bring the required operating budget issue forward during the 2017 operating budget process along with any possible mitigating measures.</p> <p>V. THAT City Council RECEIVE for information, the Corporate Radio System Steering Committee will begin the process of investigating a geo-redundant option for the corporate radio system, and will report its findings, including the upfront and ongoing costs, and related funding requirements to City Council for consideration.</p> <p>VI.</p>
Project Comments/Reference	Version Comments
<p>7151026 Funding for these projects is from the Corporate Radio Reserve (#198)</p> <p>See attached document - Operating Budget Issue #2019-0014</p>	

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5110										
2021	3,100,000	3,100,000	0		0	3,100,000	3,100,000	0	0	1,600,000	600,000	0	0	8,400,000
2022	3,100,000	3,100,000	0											
2023	0	0	0											
2024	0	0	0											
2025	1,600,000	1,600,000	0											
2026	600,000	600,000	0											
2027	0	0	0											
2028+	0	0	0											
	8,400,000	8,400,000	0											
Historical Approved Budget				Revenues										
Year	Total Expense	Net City Cost	Subsidies	198	Pay As You Go Corporate Radios Reserve									
2016	3,415,235	3,415,235	0		0	3,100,000	3,100,000	0	0	1,600,000	600,000	0	0	8,400,000
					0	3,100,000	3,100,000	0	0	1,600,000	600,000	0	0	8,400,000
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	The radio system upgrade has resulted in a recommendation for a 2019 operating budget increase (2019-0014) as an increased contribution by various departments, into the Corporate Radio System reserve.								0	0
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2016	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %	Matt Caplin	2033										



Project Version Summary

Project #	POL-001-09	Service Area	Agencies, Boards & Committees
Budget Year	2020	Department	Windsor Police Services
Asset Type	Unassigned	Division	Administration - Police
Title	Windsor Police Service Fleet Replacement/Refurbishment Program		
Budget Status	Council Approved Budget		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
The Police Fleet reserve was initially created per CR162/2008 dated April 14th, 2008 to fund all future replacements of police vehicles and related major equipment components. This reserve ensures service delivery as it relates to these assets are maintained in an effective manner. Funding of the reserve is accomplished through an annual transfer of funds from the Windsor Police operating budget.				The fleet replacement schedule is a detailed inventory of major fleet components and related equipment for the organization that is reviewed and updated regularly, and approved by the Windsor Police Services Board. It is based on a six year strategic forecast that is updated annually.											
Project Comments/Reference				Version Comments											
7091014															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	1,268,000	1,268,000	0	5110	Machinery & Equipment - TCA										
2021	1,268,000	1,268,000	0		1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	0	10,144,000	
2022	1,268,000	1,268,000	0												
2023	1,268,000	1,268,000	0												
2024	1,268,000	1,268,000	0												
2025	1,268,000	1,268,000	0												
2026	1,268,000	1,268,000	0												
2027	1,268,000	1,268,000	0												
2028+	0	0	0												
	10,144,000	10,144,000	0												
Historical Approved Budget				Revenues											
Year	Total Expense	Net City Cost	Subsidies	183	Police Fleet										
2009	1,100,000	1,100,000	0		1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	0	10,144,000	
2010	1,100,000	1,100,000	0												
2011	1,200,000	1,200,000	0												
2012	1,200,000	1,200,000	0												
2013	1,200,000	1,200,000	0												
2014	1,268,000	1,268,000	0												
2015	1,268,000	1,268,000	0												
2016	1,268,000	1,268,000	0												
2017	1,268,000	1,268,000	0												
2018	1,268,000	1,268,000	0												
2019	1,268,000	1,268,000	0												

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
2009	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Ongoing	
			Effective Date	Description	Exp/(Rev) FTE Impact
			Unknown	No known operating budget impact.	0 0



Project Version Summary

Project #	POL-001-11	Service Area	Agencies, Boards & Committees
Budget Year	2020	Department	Windsor Police Services
Asset Type	Unassigned	Division	Administration - Police
Title	Windsor Police Service - Jefferson Operational Support Services Facility		
Budget Status	Council Approved Budget		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description				Version Description											
Based on an approved business case, this project is part of a modernized combined facility featuring an expanded Collision Reporting Centre (CRC), operational and administrative spaces for the WPS Traffic Enforcement Branch, secure storage space for archival data/information, back-up 911 call taking and dispatch functions, secure specialty police vehicle storage, and a police electronic back-up data facility. The project location is an existing property located at 2696 Jefferson Boulevard and is in the final stages of construction. Occupancy of the CRC spaces commenced March 1st, 2019, with the remainder of the building anticipated to be occupied by late November 2019. Final landscaping and signage features to be completed Spring 2020.				Total estimated project cost is anticipated to be approximately \$3,644,000. In addition to funds currently existing in the project's capital account, additional funds shall be generated through the sale of the property at 5245 County Road 42 (a Council report confirms this), plus funds reallocated from a number of other approved Windsor Police capital projects.											
Project Comments/Reference				Version Comments											
Police project reference #2011-27061930															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	0	0	0		0	0	500,000	0	0	0	0	0	0	0	500,000
2022	500,000	500,000	0		<hr/>										
2023	0	0	0		Total	0	0	500,000	0	0	0	0	0	0	500,000
2024	0	0	0	Revenues											
2025	0	0	0	160	Capital Expenditure Reserve										
2026	0	0	0		0	0	500,000	0	0	0	0	0	0	0	500,000
2027	0	0	0		<hr/>										
2028+	0	0	0		Total	0	0	500,000	0	0	0	0	0	0	500,000
	500,000	500,000	0												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2017	500,000	0	500,000												
2018	630,000	630,000	0												
2019	370,000	370,000	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description	Exp/(Rev)	FTE Impact								
				Unknown	Annual facility costs of operating a building, surrounding property and contribution to a reserve for future capital improvements, similar to what exists for both the Windsor Justice Facility and the Major F. A. Tilston Armoury and Police Training Centre. It is anticipated that because the project will be pursued as a LEED Gold certified development, the annual operating costs per square foot cannot be quantified until a finalized project design is completed but will be less than those for the existing facilities to be replaced.	0	0								

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2011	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Barry Horrobin	



Project Version Summary

Project #	POL-001-20	Service Area	Agencies, Boards & Committees
Budget Year	2020	Department	Windsor Police Services
Asset Type	Unassigned	Division	Administration - Police
Title	Advanced Analytics and Process Optimization		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Machine learning and artificial intelligence applies advanced analysis and logic-based techniques to interpret events, support and automate decisions, and take actions. Simply, it is the use of advanced computing and logic to improve decisions and processes. A 2019 Gartner CIO Survey shows that the proportion of organizations employing these technologies has "more than tripled from the previous year; 4% versus 14%. Half of the organizations in the survey intend to employ before the end of 2020." Some police services have already implemented machine learning and artificial intelligence technologies successfully, and almost all services have these technologies on their planning radar. These technologies are evolving rapidly, with capabilities predicted to grow exponentially. The opportunities to transform policing operations through these advanced techniques will be significant for the Windsor Police Service and the public. Some examples include enhancements in communications with the public, workload management and predictive staffing, predictive policing, traffic management, investigative processes, public safety; in general, enhanced service delivery. Given the capital budgeting time horizon and the continuous advancements in machine learning and artificial intelligence, it is imperative to set aside capital funds for WPS to keep pace with the modernization of policing. The capabilities of machine learning and artificial intelligence in 2019 are remarkable; the potential value in 2026/2027 will be a necessity in policing.

Version Description

Project Comments/Reference

Version Comments

Project Forecast

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2020	0	0	0
2021	0	0	0
2022	0	0	0
2023	0	0	0
2024	0	0	0
2025	0	0	0
2026	250,000	250,000	0
2027	250,000	250,000	0
2028+	2,000,000	2,000,000	0
	2,500,000	2,500,000	0

Project Detailed Forecast

GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses										
5110 Machinery & Equipment - TCA	0	0	0	0	0	0	250,000	250,000	2,000,000	2,500,000
Total	0	0	0	0	0	0	250,000	250,000	2,000,000	2,500,000
Revenues										
160 Capital Expenditure Reserve	0	0	0	0	0	0	0	0	2,000,000	2,000,000
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	250,000	250,000	0	500,000
Total	0	0	0	0	0	0	250,000	250,000	2,000,000	2,500,000

Historical Approved Budget

Related Projects		Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2020	January 1, 2026	Growth: 0.0 % Maintenance: 0.0 %		



Project Version Summary

Project #	POL-002-19	Service Area	Agencies, Boards & Committees
Budget Year	2020	Department	Windsor Police Services
Asset Type	Unassigned	Division	Administration - Police
Title	Windsor Police Service - Specialized Equipment		
Budget Status	Council Approved Budget		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards			
Version Name	Main (Active)		

Project Description				Version Description										
Specialized police equipment including items such as personal protective clothing, use of force options, and investigative enhancements.														
Project Comments/Reference				Version Comments										
7197003														
Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses										
2020	100,000	100,000	0	5110 Machinery & Equipment - TCA										
2021	235,000	235,000	0		100,000	235,000	130,000	585,000	535,000	350,000	565,000	230,000	0	2,730,000
2022	130,000	130,000	0	Total	100,000	235,000	130,000	585,000	535,000	350,000	565,000	230,000	0	2,730,000
2023	585,000	585,000	0	Revenues										
2024	535,000	535,000	0	195 Police Equipment Reserve										
2025	350,000	350,000	0		100,000	235,000	130,000	585,000	535,000	350,000	565,000	230,000	0	2,730,000
2026	565,000	565,000	0	Total	100,000	235,000	130,000	585,000	535,000	350,000	565,000	230,000	0	2,730,000
2027	230,000	230,000	0											
2028+	0	0	0											
	2,730,000	2,730,000	0											
Historical Approved Budget				Operating Budget Impact										
		Revenue												
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>											
2019	180,000	180,000	0											
Related Projects														
Year Identified	Start Date	Project Type for 2020	Project Lead				Est. Completion Date							
2019	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %												



Project Version Summary

Project #	POL-003-19	Service Area	Agencies, Boards & Committees
Budget Year	2020	Department	Windsor Police Services
Asset Type	Unassigned	Division	Administration - Police
Title	Windsor Police Service - Technology Projects		
Budget Status	Council Approved Budget		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards			
Version Name	Main (Active)		

Project Description

Technology is transforming the way policing is conducted worldwide. The modernization of policing services, through investments in tech, is proving to be a force-multiplier, on three fronts: 1) Improved Effectiveness – enhancing the analysis and presentation of the large volumes police service data significantly improves strategic planning, operational planning and front-line policing by providing information that links and predicts criminal activities and information; 2) Improved Accountability and Management – the improved understanding and measurement of the effectiveness of policing strategies, tactical decisions and individual performance provides objective evidence to make adjustments and continuous improvement decisions; 3) Improved Efficiencies – modern policing technologies are reducing non-value-adding activities and increasing the time spent on core policing duties. In addition to the force multiplier effect of technology investments, the complexity of criminal activity is increasing exponentially and requires a sophisticated police service with modern capabilities to effectively protect the public. A consistent and predictive capital budgeting model for technology is essential for strategic planning for policing services. WPS must maintain and upgrade existing technologies, and implement of new transformative technologies in order to realize the benefits noted above and to keep pace with trends in policing. In addition to projects intended to improve effectiveness, accountability and management, and efficiency, every organization, including WPS, has to make investments into maintaining existing infrastructure, systems and security. These technologies are the foundations of an organization that require continuous improvements through upgrades, expansion and replacement. For every technology that is implemented, life cycle planning for sustainability and continuing to meet organizational needs is required.

Project Comments/Reference

7197004

Version Description

Version Comments

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	400,000	400,000	0	5110	Machinery & Equipment - TCA										
2021	425,000	425,000	0		400,000	425,000	475,000	425,000	425,000	425,000	425,000	350,000	0	3,350,000	
2022	475,000	475,000	0												
2023	425,000	425,000	0												
2024	425,000	425,000	0												
2025	425,000	425,000	0												
2026	425,000	425,000	0												
2027	350,000	350,000	0												
2028+	0	0	0												
	3,350,000	3,350,000	0												
Historical Approved Budget				Revenues											
Year	Total Expense	Net City Cost	Subsidies	195	Police Equipment Reserve										Total
2019	300,000	300,000	0		400,000	425,000	475,000	425,000	425,000	425,000	425,000	350,000	0	3,350,000	
					400,000	425,000	475,000	425,000	425,000	425,000	425,000	350,000	0	3,350,000	
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2019	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %													



Project Version Summary

Project #	POL-004-19	Service Area	Agencies, Boards & Committees
Budget Year	2020	Department	Windsor Police Services
Asset Type	Unassigned	Division	Administration - Police
Title	Windsor Police Service - Telecommunications		
Budget Status	Council Approved Budget		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards			
Version Name	Main (Active)		

Project Description
<p>Effective communications is the most critical aspect of public safety. This consists of communications with the public, communications with patrol officers and WPS staff, and communications with other emergency services. Policing communications is about to enter a significant and sustained period of transformation, which includes a legislated move to Next Generation 911 (NG911), the implementation of the North American public safety broadband spectrum, police mobility initiatives and the replacement of antiquated telephone systems. With the implementation of NG911, information such as text messages, pictures, video, and telematics will be sent directly to 911 from a variety of devices. The WPS Primary Public Safety Answering Point (PPSAP) will require technological upgrades or replacements to all equipment, hardware, software, and workstations.</p> <p>The Windsor Police Service's Primary Public Safety Answering Point (PPSAP) requires a fully functioning, Next Generation 911 compliant back up site at the ready should functionality be lost at the primary site. The back-up site will be a duplicate of the primary site including the phone system, computers, software, monitors, and voice logger that are currently in place.</p> <p>The PPSAP is a 24/7 mission critical environment requiring a comfortable, ergonomic environment. The current workstations were purchased in 2014 and will require future replacement.</p>

Version Description

Project Comments/Reference
7197005

Version Comments
This project is in conjunction with Fire's capital project FRS-004-19. The two projects will be jointly executed and funding from both projects is required. Furthermore, only one project ID will be created in the financial system for cost tracking purposes where all funding will be transferred.

Project Forecast			
		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	525,000	525,000	0
2021	450,000	450,000	0
2022	400,000	400,000	0
2023	425,000	425,000	0
2024	400,000	400,000	0
2025	200,000	200,000	0
2026	600,000	600,000	0
2027	800,000	800,000	0
2028+	0	0	0
	3,800,000	3,800,000	0

Project Detailed Forecast										
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses										
5110 Machinery & Equipment - TCA										
	525,000	450,000	400,000	425,000	400,000	200,000	600,000	800,000	0	3,800,000
Total	525,000	450,000	400,000	425,000	400,000	200,000	600,000	800,000	0	3,800,000
Revenues										
195 Police Equipment Reserve										
	525,000	450,000	400,000	425,000	400,000	200,000	600,000	800,000	0	3,800,000
Total	525,000	450,000	400,000	425,000	400,000	200,000	600,000	800,000	0	3,800,000

Historical Approved Budget			
		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2019	100,000	100,000	0

Related Projects		Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2019	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Melissa Brindley	



Project Version Summary

Project #	POL-005-19	Service Area	Agencies, Boards & Committees
Budget Year	2020	Department	Windsor Police Services
Asset Type	Unassigned	Division	Administration - Police
Title	Windsor Police Service - Facility Projects		
Budget Status	Council Approved Budget		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards			
Version Name	Main (Active)		

Project Description				Version Description											
Based on an extensive facility master planning process used to identify capital asset requirements at all WPS facilities, a prioritized list of projects have been identified; many of which at our HQ facility. The overall goal is to make physical changes that will meet ever-changing needs for service delivery. Emphasis will be placed on optimizing energy conservation, work productivity, and workplace health and safety. Some specific sub-projects include a reconfiguration of the Stores area to improve warehousing capacity and related efficiencies through modernized shelving and inventory management solutions; overhaul of the security card access system to gain efficiencies and improve overall security; re-purposing of public reception and Patrol Division spaces to meet changing service delivery needs; upgrades to the outdoor firing range; and renovations to various Operational Support and Investigative Division spaces.				This overall project is comprised of a number of distinct sub-projects that apply to various locations throughout all WPS facilities – Headquarters, Tilston Training Centre, Sandwich Station, and Jefferson Operational Support Facility											
Project Comments/Reference				Version Comments											
7197006															
Project Forecast				Project Detailed Forecast											
		<u>Revenue</u>		<u>GL Account</u>											
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>		
2020	475,000	475,000	0	Expenses											
2021	350,000	350,000	0	5110	Machinery & Equipment - TCA										
2022	200,000	200,000	0		475,000	350,000	200,000	350,000	200,000	250,000	150,000	150,000	0	2,125,000	
2023	350,000	350,000	0		Total	475,000	350,000	200,000	350,000	200,000	250,000	150,000	150,000	0	2,125,000
2024	200,000	200,000	0	Revenues											
2025	250,000	250,000	0	195	Police Equipment Reserve										
2026	150,000	150,000	0		475,000	350,000	200,000	350,000	200,000	250,000	150,000	150,000	0	2,125,000	
2027	150,000	150,000	0		Total	475,000	350,000	200,000	350,000	200,000	250,000	150,000	150,000	0	2,125,000
2028+	0	0	0												
	2,125,000	2,125,000	0												
Historical Approved Budget				Operating Budget Impact											
		<u>Revenue</u>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2019	200,000	200,000	0												
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2019		Growth: 0.0 % Maintenance: 100.0 %													



Project Version Summary

Project #	POL-007-13	Service Area	Agencies, Boards & Committees
Budget Year	2020	Department	Windsor Police Services
Asset Type	Unassigned	Division	Administration - Police
Title	Windsor Police Service Business Intelligence Technology and Processes Improvements		
Budget Status	Council Approved Budget		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Windsor Police Service has been collecting vast amounts of data within its Versadex RMS-CAD since 2001. However, there is no software within that system to provide Business Intelligence (BI) to improve operational efficiency and measure effectiveness without human intervention to conceive, perceive or identify an issue, structure a browse/query to obtain data to address the issue, conduct the query, organize the data, analyze the data and provide meaningful solutions in a timely manner to all of the necessary people. Business Intelligence (BI) technologies provide historical, current, and predictive views of business operations through automated functions such as reporting, dashboarding, online analytical processing, analytics, data mining, process mining, complex event processing, business performance management, benchmarking of key performance indicators (internal & external), text mining and combined field and free text search, predictive analytics, and prescriptive analytics. As Business Intelligence (BI) systems are decision support systems, acquisition of BI will finally provide the Windsor Police Service with the tools to provide the necessary data to the right people in a timely and meaningful way for effective data driven decision making, eliminating manual and inefficient processes, streamline operations, and provide data-driven intelligence to patrol officers, using data to predict criminal activity to efficiently focus resources, and provide real time information to police in a smarter, cost efficient and safer manner.

Currently, Windsor Police Service is implementing PHASE 1 of a "Business Intelligence" (BI) data driven policing model. All police data collected and processed is being organized in an efficient manner using hardware, software and services to allow for easy searches and retrieval. Manual data processes are being reviewed and inefficient processes are either being eliminated or replaced with a streamlined electronic process.

PHASE 2 will be the next step. Where Phase 1 built the foundational requirements, Phase 2 will leverage that foundation to provide valuable insight and analysis for better data driven decision making. The combination of Phase 1 and 2 will provide WPS with a basic BI platform that will support operations and future analytic projects.

Project Comments/Reference

7132002
Police project reference numbers 2013-3 and 2013-6

Version Description

Phase 1 of the project was approved as part of the 2013 enhanced plan (B26-2013). Project was delayed due to staffing changes. Work is still ongoing.

Phase 2 of the project is targeted for 2021.

Version Comments

Project Forecast				Project Detailed Forecast											
Year	Total Expense	Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
		Net City Cost	Subsidies												
2020	0	0	0	Expenses											
2021	500,000	500,000	0	5110	Machinery & Equipment - TCA										
2022	0	0	0		0	500,000	0	0	0	0	0	0	0	500,000	
2023	0	0	0	Total	0	500,000	0	0	0	0	0	0	0	500,000	
2024	0	0	0	Revenues											
2025	0	0	0	169	Pay As You Go - Capital Reserve										
2026	0	0	0		0	500,000	0	0	0	0	0	0	0	500,000	
2027	0	0	0	Total	0	500,000	0	0	0	0	0	0	0	500,000	
2028+	0	0	0												
500,000		500,000	0												
Historical Approved Budget															
Related Projects				Operating Budget Impact											
				Effective Date	Description									Exp/(Rev)	FTE Impact
				Unknown	Annual licencing and maintenance									0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2013	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %													

2020 Approved Capital Budget



Capital Project Summaries

City Council and Mayor's Office



Project Version Summary

Project #	MAY-001-19	Service Area	City Council & Mayor's Office
Budget Year	2020	Department	Mayor's Office
Asset Type	Unassigned	Division	Administration - Mayor's Office
Title	Windsor Branding		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
Initial funding for the Branding Initiatives throughout the City. This funding supports the strategic initiative as identified by City Council on Feb. 5th, 2019.															
Project Comments/Reference				Version Comments											
7202006															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	500,000	500,000	0	5410 Construction Contracts - TCA											
2021	500,000	500,000	0			500,000	500,000	0	0	0	0	0	0	0	1,000,000
2022	0	0	0	Total		500,000	500,000	0	0	0	0	0	0	0	1,000,000
2023	0	0	0	Revenues											
2024	0	0	0	169 Pay As You Go - Capital Reserve											
2025	0	0	0			500,000	500,000	0	0	0	0	0	0	0	1,000,000
2026	0	0	0	Total		500,000	500,000	0	0	0	0	0	0	0	1,000,000
2027	0	0	0												
2028+	0	0	0												
	1,000,000	1,000,000	0												
Historical Approved Budget				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2019	January 1, 2020	Growth: 100.0 % Maintenance: 0.0 %	Norma Coleman	2021											

2020 Approved Capital Budget



Capital Project Summaries

Office of Community Development & Health



Project Version Summary

Project #	HCS-001-07	Service Area	Community Dev. & Health Commissioner
Budget Year	2020	Department	Housing & Children Services
Asset Type	Unassigned	Division	Housing Services
Title	City Housing Reserve Fund		
Budget Status	Council Approved Budget		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Version Description

Housing Services requested a total allocation of \$3 million net City in both 2026 and 2027, which was not accepted during the Finance Review stage.

In 2019, Housing Services requested a total allocation of approximately \$3.18M Net City in each of 2024 and 2025. During the Finance Review stage this request was not accepted.

Prior to 2019, Housing Services was approved in principle for approximately \$1.27M Net City in 2019 and for approximately \$3.18M Net City in each of 2022 and 2023. During the 2019 administrative review stage the 2019 amount was approved at \$1M Net City and the amounts of \$1.25M Net City in each of 2022 and 2023 were approved in principle. County cost sharing will be incurred at the time of expenditure based on the current arbitrated weighted assessment formula.

Based on industry and MMAH originally established capital fund allowances, the current reserve fund balance is inadequate. It is expected that the future net capital requirements of the Windsor Essex social housing providers (including CHC) will be in excess of the capital funds currently held by providers. As such, the providers will (and have been) approaching the City for assistance. At present, it is estimated that total capital reserve fund balances held by Windsor Essex providers are approximately \$14M. It should be noted that of the 34 housing providers, a number have little or no capital reserve balances and a large number would not have enough funding should a major capital repair be required. The extent of the capital asset repairs will continue to grow and affect overall building condition, poor building conditions lead to increased chances for loss/decommissioning of social housing units and increases the chances the City will not be in a position to meet their provincially mandated rent geared to income service level standards. CHC has estimated that within their portfolio a large capital deficit exists. In late 2015, CHC engaged a professional engineering firm to undertake a comprehensive assessment of its building conditions through a third party Facility Condition Assessment (FCA). In mid-2017, CHC received a consolidated report summarizing the condition of all assets and an analysis of the unfunded capital liability for capital repairs and maintenance that have been deferred. The report outlined that assuming the current level of capital funding from the City (and County) to CHC there will be an unfunded capital requirement that will reach \$112 million over the next 10 years with an annual funding requirement of \$11,209,000 portfolio wide with \$8.9 million of that amount being attributed to the Public Housing portfolio. CHC's more recent estimates of the 10-year unfunded capital liability is \$148 million. CHC continues to monitor and assess the extent of the capital deficit and works diligently to seek out funding from upper levels of government to address the capital repair backlog.

A study undertaken in 2005 on behalf of the Service Manager Housing Network identified overall projected capital reserve shortfalls in all non-profit projects province-wide. It was estimated that an additional \$600 - \$700 per unit/year should be deposited in provider Capital reserve funds (City of Windsor - \$2.1M/year from 2005) in order that capital needs of these providers be met in the future. At present, Housing Services has received a number of requests for funding for projects such as roofing, parking lot repairs/replacements, elevators, major building envelope repairs and accessibility needs.

In March 2015, Housing Services received approval by City Council to withdraw up to \$600,000 from the Social Housing Reserve Fund to deal with similar projects to those outlined above. That request also included funding to CHC to secure consulting services to complete a study on the regeneration and rationalization of the Public Housing stock. CHC completed Phase 1 of the regeneration study and plan that includes a rationalization of their stock. On June 18th, 2018 a report to Council (In-camera) was tabled that outlines the findings of Phase 1 of this Plan. Funding of \$ 400,000 from CHC's existing Operating Budget was approved to undertake Phase 2 of the Regeneration Plan that will look at the execution of this plan including recommendations on how it will be implemented over the next 15 years considering financial and legislative implications, long-term sustainability of the housing stock and operational efficiencies. It is anticipated that a report will be brought to Council on Regeneration Phase 2 in early 2020.

In 2016, new funding programs were announced through MMAH as follows:

- Social Housing Apartment Retrofit Program (SHARP) - \$ 3.134 million – As part of the Province's Green Investment Fund (GIF) this funding supported retrofits in social housing high-rise apartment building of 150 units or more. Twenty-nine social housing providers received SHIP funding.
- Social Housing Infrastructure Program (SHIP) - \$6.7 million - This funding assisted in the repair and retrofit of existing social housing stock to address capital needs, improve energy efficiency and reduce greenhouse gas emissions. Provider requests for this funding in 2016 from all Social Housing providers in Windsor/Essex (including CHC) exceeded \$ 21.1 million. Two social housing providers received SHARP funding (energy efficiency). Total units impacted by SHARP funding (buildings of 150 units or more) was 1444.

Windsor and Essex County Social Housing units represent over 7,900 housing units in the region with an estimated value of \$500 million and yearly operating budgets of \$70 million. These units are a vital and valuable resource to the community. Many of the projects have been part of this community for many years and are aging and require significant renewal. The Social Housing Reserve Fund was established in 2001 using the one-time transfer of \$2.4 million from the Ministry of Municipal Affairs and Housing (MMAH). This fund was established "to cover the risks associated with future increases" in the social housing program. The current available balance of this fund after Council approved commitments is \$1.4M as at June 30, 2018. Prudent business practice would indicate that the service manager has a duty to ensure that funds are available to deal with both expected and unexpected events that arise within the social housing portfolio. In 2010, a total of \$294,000 (\$200,000 City) was transferred to the Social Housing Reserve fund. All requests for years after 2011 have not been recommended for approval and deferred to future years. The County of Essex would share approx. 36.4% of capital expenditures incurred based on the current arbitrated weighted assessment formula.

The Social Housing Reserve fund was established to assist Housing Providers with the cost of capital repairs in the housing stock, to offset the impact of underfunded capital reserves, the impact of potential increases in interest rates, the impact of maturing mortgages and the impact of the legislated funding model. In the event that housing providers require emergency repairs and the provider has insufficient funds for the work, the fund can be accessed. This fund will also be accessed to deal with periodic building reviews, capital reserve fund studies and other capital planning activities and housing related initiatives. Other municipalities of similar size (Region of Waterloo and the City of London) adopted a similar strategy and currently have invested funds for this purpose.

It has previously been noted that there is a need to prepare for regeneration and rationalization of stock. The Windsor Essex 10-Year Housing and Homelessness Plan completed in April 2014 indicates a "mismatch in the housing stock related to mandate and unit size, with a higher demand for units appropriate for single individuals and large families". Demand for one bedroom units as well as larger units exceeds the current supply. There is a need to review this anomaly in an effort to 'rationalize the stock' and attempt to more closely match current and future demand. Other pressures that will require the use of the Social Housing Reserve fund would include the need for energy efficiency upgrades to save on energy costs, necessary health and safety and building envelope upgrades throughout the portfolio and the need to comply with the upcoming AODA built environment requirements.

The City of Windsor is the sole shareholder of Windsor Essex Community Housing Corporation (CHC), which owns and operates 4,708 social housing units in Windsor and Essex County (60% of the service area stock). In late 2015, CHC undertook a regeneration and rationalization study for their stock of 4708 units. This report has now been completed and a report to Council (In-camera) was tabled on June 18, 2018 to outline the findings of the consultant. Funding of \$400,000 from CHC's existing Operating Budget was approved to undertake Phase 2 of the Regeneration Plan that will look at the execution of this plan including recommendations on how it will be implemented over the next 15 years considering financial and legislative implications, long-term sustainability of the housing stock and operational efficiencies. It is anticipated that a report will be brought to Council on Regeneration Phase 2 in early 2020.

See Project #HCS-001-14 Windsor Essex Community Housing Corporation for CHC capital request.

Project Comments/Reference

7109003 (closed)

The recently announced National Housing Strategy (NHS) is a 10-year, \$40 billion plan that sets targets to ensure investments and new programming for Housing programs Canada-wide. The NHS documents indicate the goal of the creation of 100,000 new housing units and the repair or renewal of 300,000 existing housing units.

In April 2019, The Province of Ontario released the Community Housing Renewal Strategy (CHRS) a multi-year strategy representing three, three-year phased funding periods that complement the investments of the NHS. In May 2019, the City of Windsor received 3-year allocations under 2 new programs – Ontario Housing Priorities Initiative (OHPI) - \$7.0 M and Canada-Ontario Community Housing Initiative (COCHI) – \$4.4 M. This funding supports investment for repairs to existing social housing stock, new build capital funding to create affordable housing, Ontario Renovates funding to assist low-income homeowners with necessary upgrades and transitional support funding for housing providers based on the needs of the community. Housing Services is currently releasing a Social Housing Repair Program as well as an RFP for a New Build program with this allocation. The Social Housing Repair Program will be released to all eligible Social Housing providers in Windsor Essex including CHC and allocations will be awarded on a priority basis. This funding will assist with the most urgent repairs/retrofits in Windsor/Essex. The needs, as evidenced by the above noted CHC – Regeneration Report findings and the provider requests for SHIP funding, noted above, are in excess of this senior government funding. Without an ongoing source of funding for capital projects to repair and maintain aging Windsor/Essex social housing infrastructure, providers will have an increasing difficulty in maintaining this much needed community resource.

Version Comments

Only the City of Windsor contributes to this project up front. The County of Essex will contribute their share as expenses occur. The Social Housing Reserve fund, at this point, only contains Provincial funds.

Project Forecast				Project Detailed Forecast										
Year	Total Expense	Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
		Net City Cost	Subsidies											
2020	0	0	0	Expenses										
2021	0	0	0	5410	Construction Contracts - TCA									
2022	1,250,000	1,250,000	0		0	0	1,250,000	1,250,000	0	0	0	0	27,522,340	30,022,340
2023	1,250,000	1,250,000	0	Total	0	0	1,250,000	1,250,000	0	0	0	0	27,522,340	30,022,340
2024	0	0	0	Revenues										
2025	0	0	0	169	Pay As You Go - Capital Reserve									
2026	0	0	0		0	0	1,250,000	1,250,000	0	0	0	0	27,522,340	30,022,340
2027	0	0	0	Total	0	0	1,250,000	1,250,000	0	0	0	0	27,522,340	30,022,340
2028+	27,522,340	27,522,340	0											
	30,022,340	30,022,340	0											
Historical Approved Budget														
Year	Total Expense	Net City Cost	Subsidies											
2010	294,000	200,000	94,000											
2019	1,000,000	1,000,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	No operating budget impact.								0	0
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2007	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Mike Deimling	Ongoing										



Project Version Summary

Project #	HCS-001-14	Service Area	Community Dev. & Health Commissioner
Budget Year	2020	Department	Housing & Children Services
Asset Type	Unassigned	Division	Housing Services
Title	Windsor Essex Community Housing Corporation Capital Improvements		
Budget Status	Council Approved Budget		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Version Description
<p>CHC submitted a 2018 Capital request of \$3 million (City Costs) representing capital projects that have been identified in 2018 as “urgent” and “high priority”. The request was approved in principle for the 2021 and 2022 Capital Budget. The County of Essex would share approximately 34% of capital expenditures incurred based on the current arbitrated weighted assessment formula.</p> <p>Housing Services, on behalf of CHC, requested a capital gross allocation of \$10 million in 2026 and \$10 million in 2027, which was not accepted at the Finance Review stage.</p>	<p>In the 2018 budget process, CHC submitted a Capital request for approximately \$3.0 Million City. This amount was approved in principle for years 2021 and 2022. County cost sharing will be incurred at the time of expenditure based on the current arbitrated weighted assessment formula.</p> <p>As part of the City of Windsor's Operating Budget, CHC currently receives approximately \$3.1 million annually for capital projects and infrastructure upgrades for the Public Housing and Non-Profit Family Housing portfolios. CHC's Public Housing portfolio is aging and requests to the City over the last number of years for additional funding for capital repair purposes have not been approved. In late 2015, CHC engaged a professional engineering firm to undertake a comprehensive assessment of its building conditions through a third party Facility Condition Assessment (FCA). In mid-2017, CHC received a consolidated report summarizing the condition of all assets and an analysis of the unfunded capital liability for capital repairs and maintenance that have been deferred. The report outlined that assuming the current level of capital funding from the City (and County) to CHC there will be an unfunded capital requirement that will reach \$112 million over the next 10 years with an annual funding requirement of \$11,209,000 portfolio wide with \$8.9 million of that amount being attributed to the Public Housing portfolio. CHC's more recent estimates of the 10-year unfunded capital liability is \$148 million. CHC continues to monitor and assess the extent of the capital deficit and works diligently to seek out funding from upper levels of government to address the capital repair backlog. The well-being of CHC's social housing stock is at significant risk. The extent of the capital asset repairs will continue to grow and affect overall building condition, poor building conditions lead to increased chances for loss/decommissioning of social housing units and increases the chances the City will not be in a position to meet their provincially mandated rent geared to income service level standards.</p> <p>CHC has completed Phase 1 of a regeneration study and plan that includes a rationalization of their stock. On June 18th, 2018 a report to Council (In-camera) was tabled that outlines the findings of Phase 1 of this Plan. Funding of \$ 400,000 from CHC's existing Operating Budget was approved to undertake Phase 2 of the Regeneration Plan that will look at the execution of this plan including recommendations on how it will be implemented over the next 15 years considering financial and legislative implications, long-term sustainability of the housing stock and operational efficiencies. It is anticipated that a report will be brought to Council on Regeneration Phase 2 in early 2020.</p> <p>Housing Services requested, on behalf of CHC, the approval of a capital gross allocation of \$10 million in 2026 and \$10 million in 2027 (net City \$6,602,490/year). This request was not accepted during the Finance Review Stage. CHC requested the approval of a capital allocation of \$11 million in 2024 and \$11 million in 2025. In the Finance review stage, this request was not accepted. This request represents Capital projects identified as a result of the above noted report(s) and the expected identified capital needs for the ten years to 2029. Projected capital needs identified through the Regeneration Plan include projects such as building roof replacements, window and door replacements, kitchen and bathroom renewals, elevator upgrades and capital related expenses throughout the portfolio of 4700 units.</p> <p>The recently announced National Housing Strategy (NHS) is a 10-year, \$40 billion plan that sets targets to ensure investments and new programming for Housing programs Canada-wide. The NHS documents indicate the goal of the creation of 100,000 new housing units and the repair or renewal of 300,000 existing housing units.</p> <p>In April 2019, The Province of Ontario released the Community Housing Renewal Strategy (CHRS) a multi-year strategy representing three, three-year phased funding periods that complement the investments of the National Housing Strategy. In May 2019, the City of Windsor received 3-year allocations under 2 new programs – Ontario Housing Priorities Initiative (OHPI) - \$7.0 M and Canada-Ontario Community Housing Initiative (COCHI) – \$4.4 M. This funding supports investment for repairs to existing social housing stock, new build capital funding to create affordable housing, Ontario Renovates funding to assist low-income homeowners with necessary upgrades and transitional support funding for housing providers based on the needs of the community. Housing Services is currently releasing a Social Housing Repair Program as well as an RFP for a New Build program with this allocation. The Social Housing Repair Program will be released to all eligible Social Housing providers in Windsor Essex including CHC and allocations will be awarded on a priority basis.</p> <p>This funding will assist with the most urgent repairs/retrofits in Windsor/Essex. The needs, as evidenced by the above noted CHC – Regeneration Report findings and the provider requests for repair funding are in excess of this senior government funding. Without an ongoing source of funding for capital projects to repair and maintain aging Windsor/Essex social housing infrastructure, providers will have increasing difficulty maintaining this much needed community resource.</p> <p>As reported to Council on July 3, 2019, the annual average allocations under Phase 1 of the OPHI and COCHI funding streams are significantly reduced from past allocations of funding that supported various social and affordable housing programs including the repair of social housing stock. As highlighted in the report the average annual allocation under previous rounds of funding was \$6,353,936 and the average annual funding under Phase 1 of OPHI and COCHI is \$3,808,675.</p>
Project Comments/Reference	Version Comments
7189003	

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5410	Construction Contracts - TCA									
2021	306,693	202,494	104,199		0	306,693	4,235,523	0	0	3,030,303	0	0	28,068,861	35,641,380
2022	4,235,523	2,796,500	1,439,023	Total	0	306,693	4,235,523	0	0	3,030,303	0	0	28,068,861	35,641,380
2023	0	0	0	Revenues										
2024	0	0	0	169	Pay As You Go - Capital Reserve									
2025	3,030,303	2,000,000	1,030,303		0	202,494	2,796,500	0	0	2,000,000	0	0	18,532,438	23,531,432
2026	0	0	0	6340	Net County Cost									
2027	0	0	0		0	104,199	1,439,023	0	0	1,030,303	0	0	9,536,423	12,109,948
2028+	28,068,861	18,532,438	9,536,423	Total	0	306,693	4,235,523	0	0	3,030,303	0	0	28,068,861	35,641,380
	35,641,380	23,531,432	12,109,948											
Historical Approved Budget				Operating Budget Impact										
Year	Total Expense	Net City Cost	Subsidies											
2018	2,252,800	1,500,000	752,800											
Related Projects														
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2014	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Mike Deimling/Debbie Cercone	Ongoing										



Project Version Summary

Project #	HCS-001-19	Service Area	Community Dev. & Health Commissioner
Budget Year	2020	Department	Housing & Children Services
Asset Type	Unassigned	Division	Housing Services
Title	Meadowbrook Housing		
Budget Status	Council Approved Budget		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	Ward 7		
Version Name	Main (Active)		

Project Description

On July 23, 2018, City Council received a report from Administration (CR433/2018) with respect to Windsor Essex Community Housing Corporation's (CHC) request to build a 145-unit, mixed income, multi-residential building in East Windsor through a community hub model in collaboration with Hiatus House and Community Living Windsor. The estimated cost of the project is \$38.5 million. The proposed location for this build is 3100 Meadowbrook. In 2017, the property was conveyed from the City to CHC (estimated value - \$525,000) in order to facilitate the construction of new affordable housing.

In November of 2017, the federal government announced the details of its ten-year National Housing Strategy. As part of the strategy, the federal government announced in May 2018 the National Housing Co-Investment Fund (NHCF). Through the NHCF, the Government of Canada plans to work with partners to assist in various housing related projects focusing on reducing homelessness, creating new affordable housing units and repairs to existing housing units over the next decade. Project funding is available through the Canada Mortgage and Housing Corporation (CMHC) under two streams; a grant which can cover up to 40% of project costs and a loan portion offering favorable terms. CHC has applied to CMHC for \$ 15.5 million in loan assistance and \$6.5 million in grant (top-up) funding through this program. CHC is currently advanced to the second stage of the funding approval process.

In addition to available CMHC funding, the Province released another round of its Investment in Affordable Housing (IAH) funding (2018- 2019 year). The City's allocation (for all submissions across the City and County) is \$4 million and is administered through the Housing and Children's Services Department (H&CS) acting as CMSM. A Request for Proposals was issued and was closed on July 23, 2018. CHC has submitted this proposal for the Committee's consideration. A final decision on the awarding of the RFP has not been announced. Any amount of IAH funding awarded to CHC (maximum \$4 million) will be structured as a forgivable loan. There will be no required repayments relative to this "debt" during the 20-year period and the loan amount would be forgiven at that time provided the development has remained affordable for the full duration of the 20 years. If CHC receives IAH funding, it is required by the Province that construction of the building be completed within 24 months (December 2020).

Notwithstanding the potential to secure a portion of the project funding under both the Federal (CMHC) and Provincial (IAH) allotments, there remains an equity contribution of \$ 12 million that would still be required from the City. Without the CMHC and IAH funding and the City's equity contribution, this project will not be feasible.

Council approved the report as submitted.

Version Description

CHC currently operates 4,708 units of Social Housing in Windsor and Essex County funded by the City as Service Manager. CHC has extensive experience managing affordable housing in Windsor and Essex, including an understanding and the required capacity to manage high need tenancies. A commitment to provide tenants with healthy, safe and sustainable communities has been demonstrated. CHC has demonstrated accountability in regards to policy and operational decisions and efficiency in managing the housing portfolio.

Council was provided with a range of costs and equity contributions that would be required by the City of Windsor (from 30 units to 150 units). Administration recommended the approval of the maximum funding requirements based on the figures provided in a 150-unit option. It was understood that the number of units could be reduced, without a corresponding reduction in the total funding requirements, if CHC deems it appropriate to provide a number of larger family units which will cost more, but for which there is a significant need in the community.

Total Project costs are estimated to be \$ 38.547 million. Council approved an estimated City contribution to the project of \$12 - \$16 million plus applicable interim financing costs. The development will consist of one hundred and forty five (145) unit apartment building (bachelor to 4 bed units) targeted for singles, small families and seniors. Forty-five (45) of these units will be modified to be barrier free and to meet accessibility requirements for persons with disabilities.

For this project, CHC will be partnering with Hiatus House and Community Living Windsor to provide supportive housing services and allocating units for their clients under an operating agreement and/or a memorandum of understanding. Proposed sources of funding for the project are as follows:

CMHC – Co-Investment Fund – Loan -	\$15,510,000
CMHC – Co-Investment Fund – Grant	6,500,000
IAH Program Funding	4,012,000
Land Value – Donated	525,000
City of Windsor Contribution	12,000,000
PROJECT COSTS	\$38,547,000

Project Comments/Reference 7192001				Version Comments PRE-COMMITMENT: As per B27/2019, Report # C 19/2019, Council approved a pre-commitment of \$3,729,384 in 2020.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	3,729,384	3,729,384	0	5410	Construction Contracts - TCA										
2021	0	0	0		3,729,384	0	0	0	0	0	0	0	0	0	3,729,384
2022	0	0	0												
2023	0	0	0												
2024	0	0	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	0	0	0												
	3,729,384	3,729,384	0												
Historical Approved Budget				Revenues											
Year	Total Expense	Net City Cost	Subsidies	169	Pay As You Go - Capital Reserve										
2019	8,270,616	8,270,616	0		3,729,384	0	0	0	0	0	0	0	0	0	3,729,384
					Total	3,729,384	0	0	0	0	0	0	0	0	3,729,384
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2019	April 1, 2019	Growth: 100.0 % Maintenance: 0.0 %		Janice Guthrie/Tina Moore					2021						



Project Version Summary

Project # HLD-001-11 **Service Area** Community Dev. & Health Commissioner
Budget Year 2020 **Department** Huron Lodge
Asset Type Unassigned **Division** Nursing & Personal Care

Title Huron Lodge Point of Care Technology Implementation including Wireless and Wired Care
Budget Status Council Approved Budget
Major Category Corporate Technology
Wards Ward 1
Version Name Main (Active)

Project Description

-To install wireless technology throughout the home and implement wireless/wired equipment that will facilitate entry of health care data into a clinical health record software and enhance business practices and resident continuity of services.
-To achieve this, access points would have to be installed throughout each floor to ensure appropriate wireless coverage based on Information Technology's assessment.
-Some additional hardware such as wiring and server for security is required.
-Purchase of additional module (point of care-POC) from the clinical software to allow for wireless entry.
-Purchase of additional clinical software licenses to allow for more users on the system.
-Purchase of wireless and wired computerized equipment for point of care (POC) entry as well as the mounting hardware required.

Version Description

As part of the agreement for Medical Pharmacies Group to provide pharmacy services at Huron Lodge (CAO#1805, 3808), the proponent will give an annual life enhancement fund for the life of the contracts (3 years with the option to extend for an additional 2 years) to be used for a program of Huron Lodge's choice. As communicated to the Social Development, Health and Culture Standing Committee (Report #16180) it is Huron Lodge's goal to implement an up-to-date point of care electronic documentation program which requires wireless and updated wired technology throughout the home. Funding from Medical Pharmacies Group is as follows:
Contracts 2012-2016 \$400,000 (\$80,000 per year)
Contract 2017-2019 \$180,000 (\$60,000 per year)
Contract 2020-2022 (subject to renewal) \$120,000 (\$60,000 per year)
2019- Purchase of tablets for Point of care
2027- Equipment replacement

Project Comments/Reference

7135002

Version Comments

Project Forecast

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2020	0	0	0
2021	0	0	0
2022	0	0	0
2023	0	0	0
2024	0	0	0
2025	0	0	0
2026	0	0	0
2027	100,000	100,000	0
2028+	0	0	0
Total	100,000	100,000	0

Project Detailed Forecast

GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses										
5125 Computers - PCs								100,000	0	100,000
Total	0	0	0	0	0	0	0	100,000	0	100,000
Revenues										
221 Service Sustainability Investm								100,000	0	100,000
Total	0	0	0	0	0	0	0	100,000	0	100,000

Historical Approved Budget

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2019	78,000	78,000	0

Related Projects			Operating Budget Impact			
Year Identified	Start Date	Project Type for 2020	Effective Date	Description	Exp/(Rev)	FTE Impact
			Unknown	Equipment Maintenance (Annual)	0	0
			Unknown	Additional Licensing Fees for POC option (Annual)	0	0
			Unknown	Software License, Maintenance, Database Hosting Fee (Annual)- CAO Report 3660.	0	0
			Unknown	WIFI I.T. maintenance fee (Annual) access points	0	0
			Unknown	I.T. annual maintenance fee \$480 X 42 tablets	0	0
2011	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %	Susan Rogers		2020	



Project Version Summary

Project #	HLD-001-12	Service Area	Community Dev. & Health Commissioner
Budget Year	2020	Department	Huron Lodge
Asset Type	Unassigned	Division	Nursing & Personal Care
Title	Huron Lodge Nursing Equipment Replacement Program		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description	Version Description
To provide a capital project for replacement of nursing equipment from a risk management prospective to address the safety and security of residents, staff and visitors and ensure all nursing equipment meets manufacturer requirements as outlined in the Long Term Care Homes Act (2007). Based on discussions with the supplier and manufacturer's recommendation, this equipment will soon need to be replaced. Most of this equipment is already 10 years old with a life expectancy of 10 - 15 years.	Establishment of a Floor Lift replacement program - \$222,000 (10 years - life expectancy) Establishment of an Alenti/Miranti bath/Tornado/shower chair replacement program - \$210,000(10 years - life expectancy) Establishment of a shower tub replacement program - \$420,500 (15 years - life expectancy) Establishment of equipment within the soiled utility rooms - including hoppers and bed pan washers Establishment of storage equipment replacement

Project Comments/Reference	Version Comments
7199000	

Project Forecast	Project Detailed Forecast																																																																																																																																																			
<table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2020</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2021</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2022</td><td>450,000</td><td>450,000</td><td>0</td></tr> <tr><td>2023</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2024</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2025</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2026</td><td>75,000</td><td>75,000</td><td>0</td></tr> <tr><td>2027</td><td>75,000</td><td>75,000</td><td>0</td></tr> <tr><td>2028+</td><td>600,000</td><td>600,000</td><td>0</td></tr> <tr><td></td><td>1,650,000</td><td>1,650,000</td><td>0</td></tr> </tbody> </table>			Revenue		Year	Total Expense	Net City Cost	Subsidies	2020	150,000	150,000	0	2021	150,000	150,000	0	2022	450,000	450,000	0	2023	50,000	50,000	0	2024	50,000	50,000	0	2025	50,000	50,000	0	2026	75,000	75,000	0	2027	75,000	75,000	0	2028+	600,000	600,000	0		1,650,000	1,650,000	0	<table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="11">Expenses</td> </tr> <tr> <td>5110 Machinery & Equipment - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>150,000</td> <td>150,000</td> <td>450,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>75,000</td> <td>75,000</td> <td>600,000</td> <td>1,650,000</td> </tr> <tr> <td>Total</td> <td>150,000</td> <td>150,000</td> <td>450,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>75,000</td> <td>75,000</td> <td>600,000</td> <td>1,650,000</td> </tr> <tr> <td colspan="11">Revenues</td> </tr> <tr> <td>221 Service Sustainability Investm</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>150,000</td> <td>150,000</td> <td>450,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>75,000</td> <td>75,000</td> <td>600,000</td> <td>1,650,000</td> </tr> <tr> <td>Total</td> <td>150,000</td> <td>150,000</td> <td>450,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>75,000</td> <td>75,000</td> <td>600,000</td> <td>1,650,000</td> </tr> </tbody> </table>	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	Expenses											5110 Machinery & Equipment - TCA												150,000	150,000	450,000	50,000	50,000	50,000	75,000	75,000	600,000	1,650,000	Total	150,000	150,000	450,000	50,000	50,000	50,000	75,000	75,000	600,000	1,650,000	Revenues											221 Service Sustainability Investm												150,000	150,000	450,000	50,000	50,000	50,000	75,000	75,000	600,000	1,650,000	Total	150,000	150,000	450,000	50,000	50,000	50,000	75,000	75,000	600,000	1,650,000
		Revenue																																																																																																																																																		
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																	
2020	150,000	150,000	0																																																																																																																																																	
2021	150,000	150,000	0																																																																																																																																																	
2022	450,000	450,000	0																																																																																																																																																	
2023	50,000	50,000	0																																																																																																																																																	
2024	50,000	50,000	0																																																																																																																																																	
2025	50,000	50,000	0																																																																																																																																																	
2026	75,000	75,000	0																																																																																																																																																	
2027	75,000	75,000	0																																																																																																																																																	
2028+	600,000	600,000	0																																																																																																																																																	
	1,650,000	1,650,000	0																																																																																																																																																	
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total																																																																																																																																										
Expenses																																																																																																																																																				
5110 Machinery & Equipment - TCA																																																																																																																																																				
	150,000	150,000	450,000	50,000	50,000	50,000	75,000	75,000	600,000	1,650,000																																																																																																																																										
Total	150,000	150,000	450,000	50,000	50,000	50,000	75,000	75,000	600,000	1,650,000																																																																																																																																										
Revenues																																																																																																																																																				
221 Service Sustainability Investm																																																																																																																																																				
	150,000	150,000	450,000	50,000	50,000	50,000	75,000	75,000	600,000	1,650,000																																																																																																																																										
Total	150,000	150,000	450,000	50,000	50,000	50,000	75,000	75,000	600,000	1,650,000																																																																																																																																										

Historical Approved Budget	Revenue								
<table border="1" style="width: 100%;"> <thead> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2019</td> <td>150,000</td> <td>150,000</td> <td>0</td> </tr> </tbody> </table>	Year	Total Expense	Net City Cost	Subsidies	2019	150,000	150,000	0	
Year	Total Expense	Net City Cost	Subsidies						
2019	150,000	150,000	0						

Related Projects	Operating Budget Impact								
	<table border="1" style="width: 100%;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>Preventative Maintenance</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	Preventative Maintenance	0	0
Effective Date	Description	Exp/(Rev)	FTE Impact						
Unknown	Preventative Maintenance	0	0						

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2012	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Susan Rogers	Ongoing



Project Version Summary

Project #	HLD-001-15	Service Area	Community Dev. & Health Commissioner
Budget Year	2020	Department	Huron Lodge
Asset Type	Unassigned	Division	Nursing & Personal Care
Title	Huron Lodge Ceiling Mounted Resident Lift Replacement Program		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description				Version Description										
To provide a capital program for the replacement of ceiling lifts, from a risk management prospective, to address the safety and security of residents and ensure all nursing equipment meets the manufacturer requirements as outlined in the Long Term Care Homes Act (2007).				This project is for the replacement of the 199 ceiling lifts within Huron Lodge. This is a phased-in project to accommodate one resident home area per year at approximately \$100,000 for 32 lifts. The \$100,000 cost does not include the ceiling track but only the motor, battery, slings and labour. The \$100,000 cost is for ceiling lifts in the resident rooms. The ceiling tracks may be required to be replaced in future years. When required, analysis of the ceiling, building structure and track will be completed in conjunction with the facilities department and at that time and any additional funds required may be funded from this replacement program if available. The ceiling lifts located in the tub rooms will be replaced when the showers and tubs are replaced as part of HLD-001-12 (HL nursing equipment replacement program). Depending on the new tub, the lift associated with the tub may vary.										
Project Comments/Reference				Version Comments										
7199001														
Project Forecast				Project Detailed Forecast										
		<u>Revenue</u>												
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>
2020	200,000	200,000	0	Expenses										
2021	200,000	200,000	0	5110	Machinery & Equipment - TCA									
2022	100,000	100,000	0		200,000	200,000	100,000	100,000	100,000	110,000	120,000	120,000	110,000	1,160,000
2023	100,000	100,000	0		Total									
2024	100,000	100,000	0		200,000	200,000	100,000	100,000	100,000	110,000	120,000	120,000	110,000	1,160,000
2025	110,000	110,000	0	Revenues										
2026	120,000	120,000	0	221	Service Sustainability Investm									
2027	120,000	120,000	0		200,000	200,000	100,000	100,000	100,000	110,000	120,000	120,000	110,000	1,160,000
2028+	110,000	110,000	0		Total									
	1,160,000	1,160,000	0		200,000	200,000	100,000	100,000	100,000	110,000	120,000	120,000	110,000	1,160,000
Historical Approved Budget														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>											
2019	115,000	115,000	0											
Related Projects				Operating Budget Impact										
				<u>Effective Date</u>	<u>Description</u>							<u>Exp/(Rev)</u>	<u>FTE Impact</u>	
				Unknown	No Operating Budget Impact						0	0		
Year Identified	Start Date	Project Type for 2020	Project Lead			Est. Completion Date								
2015	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Susan Rogers			Ongoing								



Project Version Summary

Project #	HLD-002-15	Service Area	Community Dev. & Health Commissioner
Budget Year	2020	Department	Huron Lodge
Asset Type	Unassigned	Division	Nursing & Personal Care
Title	Huron Lodge Resident Monitoring & Nurse Bedside Call System		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description				Version Description																	
This project allows for a safe and secure environment for the residents of Huron Lodge. This project replaces all equipment required for the resident monitoring, security and access throughout the home property including the bedside call system, addresses risk management and the safety and security of all residents indoors and outdoors.				Due to technology changes, upgrades and infection control concerns, a complete replacement of the resident access and nurse bedside call system was projected to be replaced and funding allocated in 2018. This includes the current WanderGuard system, bedside nurse call buttons and paging system. Full replacement actually occurred in 2016 as the current system failed and was beyond repair with parts/technology being obsolete. Funding source for replacement was wireless project HLD-001-11 to be paid back to wireless in 2018 from this project per CR296/2016. Budget amounts are estimates. 2019-2021 Software and Hardware updates/repairs Wanderguard secured outdoor area for all residents to use. Currently there is no common outdoor secure area for residents. Due to increased resident population with dementia this would limit the health and safety risks which exist. Fencing, accessible walkway, modest shade gazebo, benches, WanderGuard secured. Updates allow for fundamental communication components in responding to resident needs. 2023-Replacement communication system required due to technological advances. This budget is based on 2016 replacement costs and may change. 2025-2027- Equipment, Hardware and Software expenses related to upkeep of home safety and security including but not limited to any minor modifications to doors inside or outside to complement the WanderGuard care. 2029-Complete Replacement or Major upgrade depending on technological changes																	
Project Comments/Reference				Version Comments																	
7193000 CLOSED: 7163001																					
Project Forecast				Project Detailed Forecast																	
		Revenue																			
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total							
2020	0	0	0	Expenses																	
2021	20,000	20,000	0	5110 Machinery & Equipment - TCA																	
2022	0	0	0	0 20,000 0 100,000 0 25,000 20,000 20,000 120,000 305,000																	
2023	100,000	100,000	0	Total 0 20,000 0 100,000 0 25,000 20,000 20,000 120,000 305,000																	
2024	0	0	0	Revenues																	
2025	25,000	25,000	0	221 Service Sustainability Investm																	
2026	20,000	20,000	0	0 20,000 0 100,000 0 25,000 20,000 20,000 120,000 305,000																	
2027	20,000	20,000	0	Total 0 20,000 0 100,000 0 25,000 20,000 20,000 120,000 305,000																	
2028+	120,000	120,000	0																		
	305,000	305,000	0																		
Historical Approved Budget																					
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>																		
2018	100,000	100,000	0																		
2019	25,000	25,000	0																		
Related Projects				Operating Budget Impact																	
				Effective Date	Description											Exp/(Rev)	FTE Impact				
				Unknown	No Operating Budget Impact											0	0				

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2015	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Susan Rogers	2024



Project Version Summary

Project #	HLD-001-17	Service Area	Community Dev. & Health Commissioner
Budget Year	2020	Department	Huron Lodge
Asset Type	Unassigned	Division	Nutrition & Dietary Services
Title	Huron Lodge Dietary Servery and Cafe Updates and Equipment Replacement		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description				Version Description											
<p>Huron Lodge has 7 server/pantry areas and dining rooms within the building which was built in 2007. Each servery and dining room is located within each resident home area in which 32 residents live. The servery is where the staff members do small food preparation work and food is kept warm or cold. Staff pick up the meals from the servery to deliver to the dining room.</p> <p>Each servery includes the following equipment: 1 reach-in fridge, industrial microwave, steam table, cold food table, rotary toaster and small toaster. Each servery has a pantry, cupboards and counter top. It is estimated at this time that each servery including its equipment will require updating. Wear and tear is already prevalent with the countertops chipping and are susceptible to mold.</p> <p>The café is located on the main floor and will also require equipment pieces / minor updates such as countertops to be prioritized.</p>				<p>The following equipment/updates are required to be replaced when the server/pantry/cafe is updated. Equipment in these areas includes but is not limited to Microwave, steam table, cold table, rotary toaster, multiple use oven, ice machines, garburator, hot water dispenser, small dishmachine, various food carts, stainless steel countertop installation.</p>											
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5111 Machinery & Equipment -Non TCA											
2021	35,000	35,000	0		0	35,000	35,000	35,000	35,000	35,000	50,000	50,000	40,000	315,000	
2022	35,000	35,000	0	Total	0	35,000	35,000	35,000	35,000	35,000	50,000	50,000	40,000	315,000	
2023	35,000	35,000	0	Revenues											
2024	35,000	35,000	0	221 Service Sustainability Investm											
2025	35,000	35,000	0		0	35,000	35,000	35,000	35,000	35,000	50,000	50,000	40,000	315,000	
2026	50,000	50,000	0	Total	0	35,000	35,000	35,000	35,000	35,000	50,000	50,000	40,000	315,000	
2027	50,000	50,000	0												
2028+	40,000	40,000	0												
	315,000	315,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	reorganizing operations during off peak hours								0	0	
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2017	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %		Cathy Harris					2024+						



Project Version Summary

Project #	HLD-002-12	Service Area	Community Dev. & Health Commissioner
Budget Year	2020	Department	Huron Lodge
Asset Type	Unassigned	Division	Nutrition & Dietary Services
Title	Huron Lodge Cooking and Food Preparation Equipment Replacement Program		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description				Version Description												
To ensure there is an efficient capital fund for the Dietary Services division of Huron Lodge that addresses risk management, quality assurance, and resident care as it relates to legislated food services.				Establishment of a replacement program to purchase, upgrade, and or replace Dietary equipment for food storage & preparation equipment which must comply with the Ministry of Health and Long Term Care Act and Regulations as well as other legislated food service standards to ensure quality of food service to residents to maximize nutritional needs. Smallwares equipment such as smaller ovens, steamers, food preparation equipment, heating, food waste disposal processes, shelving and steam tables, have a life span of 8 – 10 years.												
Project Comments/Reference				Version Comments												
7183003																
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2020	0	0	0	5111 Machinery & Equipment -Non TCA		0	40,000	40,000	40,000	0	42,000	45,000	45,000	0	252,000	
2021	40,000	40,000	0	Total		0	40,000	40,000	40,000	0	42,000	45,000	45,000	0	252,000	
2022	40,000	40,000	0	Revenues												
2023	40,000	40,000	0	221 Service Sustainability Investm		0	40,000	40,000	40,000	0	42,000	45,000	45,000	0	252,000	
2024	0	0	0	Total		0	40,000	40,000	40,000	0	42,000	45,000	45,000	0	252,000	
2025	42,000	42,000	0													
2026	45,000	45,000	0													
2027	45,000	45,000	0													
2028+	0	0	0													
252,000		252,000														
Historical Approved Budget																
Year	Total Expense	Net City Cost	Subsidies													
2018	40,000	40,000	0													
2019	40,000	40,000	0													
Related Projects				Operating Budget Impact												
				Effective Date	Description										Exp/(Rev)	FTE Impact
				Unknown	No Operating Budget Impact										0	0
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date							
2012	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %		Cathy Harris					Ongoing							



Project Version Summary

Project #	HLD-003-15	Service Area	Community Dev. & Health Commissioner
Budget Year	2020	Department	Huron Lodge
Asset Type	Unassigned	Division	Nutrition & Dietary Services
Title	Huron Lodge Dish Machines and Industrial Kitchen Equipment		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description				Version Description											
To establish a capital project to replace the dish machines and other industrial equipment within the kitchen at Huron Lodge that addresses risk management, quality assurance, and resident care requirements. This equipment is used as part of Huron Lodge's infection control procedures offering industrial quality sanitation and cleaning practices.				To establish a project for the replacement of the dish machines and industrial kitchen equipment at Huron Lodge. This equipment has a life span of 8 - 10 years. Some equipment pieces were moved from the old building in 2007 and are still in working order but could fail at any time. Included in this project is the replacement of all kitchen industrial equipment / industrial storage units in the main kitchen. Equipment includes but not limited to hot carts, steamers, garburators, turbo wash pot/pan sink, ovens and hot tops and costs for plumbing/electrical during installation to be included.											
Project Comments/Reference				Version Comments											
7183001															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5111 Machinery & Equipment -Non TCA											
2021	110,000	110,000	0		0	110,000	0	40,000	0	50,000	50,000	50,000	180,000	480,000	
2022	0	0	0												
2023	40,000	40,000	0	Total	0	110,000	0	40,000	0	50,000	50,000	50,000	180,000	480,000	
2024	0	0	0	Revenues											
2025	50,000	50,000	0	221 Service Sustainability Investm											
2026	50,000	50,000	0		0	110,000	0	40,000	0	50,000	50,000	50,000	180,000	480,000	
2027	50,000	50,000	0	Total	0	110,000	0	40,000	0	50,000	50,000	50,000	180,000	480,000	
2028+	180,000	180,000	0												
	480,000	480,000	0												
Historical Approved Budget															
Year	Total Expense	Net City Cost	Subsidies												
2018	80,000	80,000	0												
2019	95,000	95,000	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	No Operating Budget Impact								0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2015	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Cathy Harris	2023											



Project Version Summary

Project #	HLD-004-15	Service Area	Community Dev. & Health Commissioner
Budget Year	2020	Department	Huron Lodge
Asset Type	Unassigned	Division	Nutrition & Dietary Services
Title	Huron Lodge Refrigeration and Freezer Equipment Replacement		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description				Version Description																	
To establish a capital project for the replacement of the refrigeration and freezer equipment throughout the RHA servery, pantry, and main kitchen at Huron Lodge.				This equipment has a life expectancy of 8 to 10 years and by 2018 this equipment will need to be replaced as the cost of repairs will be too costly. Items requiring major repairs or replacing include 3 fridge walk-ins, 2 freezer walk-ins, and several fridges and freezers for the dietary (17 reach in refrigeration units, 6 reach in freezer units) and nursing areas (16 units) . Some units will be purchased new and others can be repaired through the purchase of compressors and motors. 2022-establish replacement program for fridge/freezers and purchase software system for monitoring temperature for food and medications as required per the Ministry of Health and long term care standards.																	
Project Comments/Reference				Version Comments																	
7183002																					
Project Forecast				Project Detailed Forecast																	
		<u>Revenue</u>																			
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>							
2020	0	0	0	Expenses																	
2021	0	0	0	5111 Machinery & Equipment -Non TCA																	
2022	175,000	175,000	0	0 0 175,000 0 0 0 175,000 100,000 0 450,000																	
2023	0	0	0	Total 0 0 175,000 0 0 0 175,000 100,000 0 450,000																	
2024	0	0	0	Revenues																	
2025	0	0	0	221 Service Sustainability Investm																	
2026	175,000	175,000	0	0 0 175,000 0 0 0 175,000 100,000 0 450,000																	
2027	100,000	100,000	0	Total 0 0 175,000 0 0 0 175,000 100,000 0 450,000																	
2028+	0	0	0																		
	450,000	450,000	0																		
Historical Approved Budget																					
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>																		
2018	80,000	80,000	0																		
Related Projects				Operating Budget Impact																	
				<u>Effective Date</u>		<u>Description</u>												<u>Exp/(Rev)</u>		<u>FTE Impact</u>	
				Unknown		No Operating Budget Impact												0		0	
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date													
2015	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %		Cathy Harris				2022													



Project Version Summary

Project #	HLD-006-15	Service Area	Community Dev. & Health Commissioner
Budget Year	2020	Department	Huron Lodge
Asset Type	Unassigned	Division	Nutrition & Dietary Services
Title	Huron Lodge Dietary Management System Maintenance		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description				Version Description											
This system will allow for a real time posting of all therapeutic information, such as but not limited to, individual needs, daily and weekly menus, diet cards, production sheets, and real time resident dietary requirements. This will mitigate risks such as aspiration, allergic reactions, ministry requirements, and consistent proper seating arrangements, etc.				This project will allow the Dietary area to update resident files in real-time as opposed to the current manual system which requires binders in several locations in every resident home area and main kitchen to be updated daily (e.g. therapeutics count sheets, production sheets, table cards, seating placements, nourishment list, etc, all required by the Ministry of Health and long term care). This will allow for computerized menus to be posted electronically and all changes to be reflected in real time as they are made. This would also benefit the nursing staff as they will have access to the most up-to-date information in providing resident care which will reduce risk to the residents of Huron Lodge and the Corporation of the City of Windsor. Improved production efficiencies will result with streamlining the process in which data is entered and significant reduction of risk to resident health. It is expected there will be an operating budget impact as a new software may have an annual license fee and if tablets are purchased our IT department may charge the department an annual fee. Budget is based on 2016 estimates. Hardware (ie: screens, keyboards) for each dietary servery, kitchen, diet offices; Software to allow for point of care for dietary needs, possible wiring WIFI connection updates; backfill for training 2022- integration with clinical software and point of care tablets 2023- integration with current dietary software and menu integration, hardware such as computer terminal in the kitchen, monitors in the dining rooms, software updates as required.											
Project Comments/Reference				Version Comments											
7199002															
Project Forecast				Project Detailed Forecast											
		Revenue													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>	
Expenses				Expenses											
2020	0	0	0	5110	Machinery & Equipment - TCA										
2021	0	0	0	0	0	75,000	105,000	0	35,000	0	70,000	0	285,000		
2022	75,000	75,000	0	Total	0	0	75,000	105,000	0	35,000	0	70,000	0	285,000	
2023	105,000	105,000	0	Revenues											
2024	0	0	0	221	Service Sustainability Investm										
2025	35,000	35,000	0	0	0	75,000	105,000	0	35,000	0	70,000	0	285,000		
2026	0	0	0	Total	0	0	75,000	105,000	0	35,000	0	70,000	0	285,000	
2027	70,000	70,000	0												
2028+	0	0	0												
285,000		285,000		0											
Historical Approved Budget				Operating Budget Impact											
		Revenue													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Effective Date	Description								Exp/(Rev)	FTE Impact	
2019	65,000	65,000	0	Unknown	License Fees								0	0	
				Unknown	training costs								0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											

2015	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Cathy Harris	2023
------	-----------------	----------------------------------	--------------	------



Project Version Summary

Project #	HLD-001-13	Service Area	Community Dev. & Health Commissioner
Budget Year	2020	Department	Huron Lodge
Asset Type	Unassigned	Division	Program Services
Title	Huron Lodge Beds/Mattresses/Furniture Replacement Program		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description				Version Description												
Heavy usage by residents and constant environmental disinfection practices results in irreparable damages to the resident furniture. A capital replacement program averaging every 7 - 10 years is recommended to provide for furniture replacement.				A replacement program for the beds and mattresses along with mandatory utilitarian furniture require replacement due to age (10+ years) and wear and breakdown from cleaning chemicals. Resident Room Furniture includes beds, mattresses, bedside tables, dressers, chairs, blinds, window coverings Common home area Furniture includes couches, chairs, tables The ministry of long term care provides modest funding of \$22,400 for which beds qualify as part of the fall prevention funding (equates to estimated 10 beds), note that there are 224 resident beds in the home. 2019-2022 beds (due to safety) and resident room furniture immediate need of replacing 2023-2026 all common areas such as lounges and dining areas in all 7 resident home areas and main floor lounge/auditorium/café dining 2028-2029 complete home replacement of all furniture including freight, assembly, staging costs (removing old furniture, resident personal belongings to be moved etc)												
Project Comments/Reference				Version Comments												
7189013																
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses												
2020	100,000	100,000	0	5130 Furniture & Furnishings												
2021	100,000	100,000	0			100,000	100,000	100,000	100,000	100,000	100,000	200,000	200,000	500,000	1,500,000	
2022	100,000	100,000	0													
2023	100,000	100,000	0													
2024	100,000	100,000	0													
2025	100,000	100,000	0													
2026	200,000	200,000	0													
2027	200,000	200,000	0													
2028+	500,000	500,000	0													
	1,500,000	1,500,000	0	Revenues												
				221 Service Sustainability Investm												
						100,000	100,000	100,000	100,000	100,000	100,000	200,000	200,000	500,000	1,500,000	
						Total	100,000	100,000	100,000	100,000	100,000	200,000	200,000	500,000	1,500,000	
Historical Approved Budget				Operating Budget Impact												
		Revenue		Effective Date		Description									Exp/(Rev)	FTE Impact
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>													
2019	272,400	250,000	22,400	Unknown		No Operating Budget Impact									0	0
Related Projects																
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date								
2013	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %		Tanya Shreve				Ongoing								



Project Version Summary

Project #	HLD-002-17	Service Area	Community Dev. & Health Commissioner
Budget Year	2020	Department	Huron Lodge
Asset Type	Unassigned	Division	Resident Services
Title	Huron Lodge Resident Services Equipment Replacement		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description

Establish an equipment replacement program for the Resident Services Division of Huron Lodge that addresses risk management, enriched quality of life, Physiotherapy and Group Exercise programs, and improved delivery of resident programs.

Version Description

Establishment of a replacement program over the next five years to purchase, upgrade and or replace equipment for Physiotherapy Services and Resident life enrichment. These must comply with the Ministry of Health and Long Term Care Physiotherapy and Recreation and Social Activities regulations. Maintaining physical function in long term care is critical for improved functions across all aspects of resident care. By being able to provide the appropriate equipment to maintain or improve a resident's abilities we see reduced skin issues, improved ADL performance and increased psychosocial well being. Equipment such as ultrasounds, tens machines, and pedlars ensure our residents receive the appropriate exercises, range of motion, and strengthening to improve or maintain their physical abilities. In addition to equipment for Physiotherapy and group exercise there are various equipment pieces that improve the programs and leisure time of our residents. It is mandated by the Act that the home provide a recreation program that meets the needs of the residents. Televisions, sound equipment, therapeutic recreation pieces, resident computers, and a large projection screen are all equipment that is necessary to enrich the lives of our residents. The use of technology and software in resident programming is vital in order to keep Huron lodge current with best practices in the private sector.

- \$15,000 - Auditorium TV
- \$10,000 - TVs (7 Lounge, 1 Therapy Room, 1 Café and 1 Front Main Area)
- \$10,000 - Ipads and Software (8)
- \$2,000 - Camera
- \$10,000 - Computers (7 Resident, 1 for Library)
- \$2,500 - BBQ
- \$5,000 - Canopy
- \$10,000 - Outdoor Furniture
- \$10,000 - Snoezelen Equipment
- \$5,000 - Celebration Dining Room Furniture
- \$45,000 - Physio and Exercise Room Equipment
- \$50,000 - Shade Structure for Outdoor Equipment
- \$40,000 - Interactive Equipment (It's Never2Late or equivalent) Replacement - 4 units X \$10,000 each
- \$25,000 Kitchenette for one activity area

Project Comments/Reference

Version Comments

Project Forecast				Project Detailed Forecast											
Year	Total Expense	Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
		Net City Cost	Subsidies												
2020	0	0	0	Expenses											
2021	124,500	124,500	0	5111	Machinery & Equipment -Non TCA										
2022	50,000	50,000	0		0	124,500	50,000	0	0	0	40,000	150,000	0	364,500	
2023	0	0	0	Total	0	124,500	50,000	0	0	0	40,000	150,000	0	364,500	
2024	0	0	0	Revenues											
2025	0	0	0	221	Service Sustainability Investm										
2026	40,000	40,000	0		0	124,500	50,000	0	0	0	40,000	150,000	0	364,500	
2027	150,000	150,000	0	Total	0	124,500	50,000	0	0	0	40,000	150,000	0	364,500	
2028+	0	0	0												
	364,500	364,500	0												
Historical Approved Budget															
Related Projects				Operating Budget Impact											
				Effective Date	Description									Exp/(Rev)	FTE Impact
				Unknown	No Operating Budget Impact									0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2017	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %		Amanda Caslick				2022							

2020 Approved Capital Budget



Capital Project Summaries

Office of Parks, Recreation, Culture & Facilities



Project Version Summary

Project #	ENG-004-16	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Corporate Facilities Access Protocols		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

An internal audit on Corporate Facilities Key Control was conducted by the Office of Continuous Improvement. One of its recommendations stated “An opportunity exists for the Facility Operations Division to provide guidance to operating departments in the expected minimum standards and other best practices that should be utilized for tracking keys issued to employees. The Division should develop templates and guidelines for distribution to those managers in operating departments who are responsible for the security of City facilities”.

The City of Windsor has a duty under the Occupier’s Liability Act and the Occupational Health & Safety Act to protect employees and members of the public from foreseeable dangers, to ensure they are reasonably safe while on the premises, and to maintain a safe workplace. Keys provide access to buildings and consequently, to the people located within the buildings. An absence of strict key control could pose a security and a Health & Safety risk.

Keys within the corporation are currently handled on an ad hoc basis. Each facility tracks and maintains its own sets of keys. There is no standardized methodology to ensure keys are returned or not duplicated or that locks are changed if keys are lost.

The key management system will include changing keys and locks of all external & internal doors in a facility to a secure format. Software will be purchased to monitor key access & distribution of keys. A policy will be created to provide common rules for the usage of keys.

Project Comments/Reference

7165002

Version Description

There are 41 facilities identified as the priority to change locks and regulate key assignments. These include administration buildings, community centres, fire halls, and other recreation & culture buildings such as Art Gallery, Willistead, Windsor International Aquatic Training Centre, etc. All facilities eventually need to be converted to a key control system. Initially, the focus for conversion will be on areas where staff is located, including many administrative buildings, community centres, fire halls, and operations buildings.

The following project requires an annual allotment of \$50,000 in 2021-2023 and \$75,000 in 2024-2028 for conversion of buildings.

Version Comments

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5410	Construction Contracts - TCA									
2021	50,000	50,000	0		0	50,000	50,000	50,000	75,000	75,000	75,000	75,000	75,000	525,000
2022	50,000	50,000	0											
2023	50,000	50,000	0											
2024	75,000	75,000	0											
2025	75,000	75,000	0											
2026	75,000	75,000	0											
2027	75,000	75,000	0											
2028+	75,000	75,000	0											
	525,000	525,000	0											
Historical Approved Budget				Revenues										
Year	Total Expense	Net City Cost	Subsidies	221	Service Sustainability Investm									
2016	100,000	100,000	0		0	50,000	50,000	50,000	75,000	75,000	75,000	75,000	75,000	525,000
2017	150,000	150,000	0											
2018	75,000	75,000	0											
2019	150,000	150,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	No operating budget impact.								0	0
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2016	January 4, 2016	Growth: 0.0 % Maintenance: 0.0 %	Mel Douglas	Ongoing										



Project Version Summary

Project #	ENG-005-16	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	2437 Howard Ave. Improvements Placeholder		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 10		
Version Name	Main (Active)		

Project Description	Version Description
The building at 2437 Howard Avenue, adjacent to the Parks and Facilities office on McDougall, was purchased in 2014 and is currently being used as storage space. The facility includes an existing two story office space that is approximately 11,000 sq. ft. and requires significant renovations to make it useable. Funding is necessary to proceed with capital improvements that would make the office space usable. Improvements would include the installation of City network connection, new partitions, flooring, ceiling, lighting, HVAC distribution, CCTV and security alarm, card access, etc.	Further to Council Report (LL#17867, CR 161/2015) approved on August 24, 2015, the Real Estate Division in conjunction with Facilities Operations, will bring forward a report with recommendations resulting from the study of administrative and operational buildings and space needs with future projections including the market value estimates and the constraints in proceeding with the sale of existing buildings. It is to be noted that there is an immediate need in the adjacent building at 2450 McDougall which houses the Facilities, Parks, Recreation and Administrative staff. These funds for renovations are sought as a placeholder until such report is presented to Council. Identified needs without specific timeline: Exterior Renovations (\$500,000) Interior Renovations (\$2,000,000)

Project Comments/Reference	Version Comments
7161039	Additional fit-up costs for potential move to 2437 Howard Ave. location based on Corporate Space Needs Council report & recommendations.

Project Forecast	Project Detailed Forecast																																																																																																																																																	
<table border="1" style="width: 100%;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2025</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2026</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2027</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2028+</td><td>2,500,000</td><td>2,500,000</td><td>0</td></tr> <tr><td>Total</td><td>2,500,000</td><td>2,500,000</td><td>0</td></tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2020	0	0	0	2021	0	0	0	2022	0	0	0	2023	0	0	0	2024	0	0	0	2025	0	0	0	2026	0	0	0	2027	0	0	0	2028+	2,500,000	2,500,000	0	Total	2,500,000	2,500,000	0	<table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="11">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2,500,000</td> <td>2,500,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2,500,000</td> <td>2,500,000</td> </tr> <tr> <td colspan="11">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2,500,000</td> <td>2,500,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2,500,000</td> <td>2,500,000</td> </tr> </tbody> </table>	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	Expenses											5410 Construction Contracts - TCA												0	0	0	0	0	0	0	0	2,500,000	2,500,000	Total	0	0	0	0	0	0	0	0	2,500,000	2,500,000	Revenues											169 Pay As You Go - Capital Reserve												0	0	0	0	0	0	0	0	2,500,000	2,500,000	Total	0	0	0	0	0	0	0	0	2,500,000	2,500,000
Year			Total Expense	Revenue																																																																																																																																														
	Net City Cost	Subsidies																																																																																																																																																
2020	0	0	0																																																																																																																																															
2021	0	0	0																																																																																																																																															
2022	0	0	0																																																																																																																																															
2023	0	0	0																																																																																																																																															
2024	0	0	0																																																																																																																																															
2025	0	0	0																																																																																																																																															
2026	0	0	0																																																																																																																																															
2027	0	0	0																																																																																																																																															
2028+	2,500,000	2,500,000	0																																																																																																																																															
Total	2,500,000	2,500,000	0																																																																																																																																															
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total																																																																																																																																								
Expenses																																																																																																																																																		
5410 Construction Contracts - TCA																																																																																																																																																		
	0	0	0	0	0	0	0	0	2,500,000	2,500,000																																																																																																																																								
Total	0	0	0	0	0	0	0	0	2,500,000	2,500,000																																																																																																																																								
Revenues																																																																																																																																																		
169 Pay As You Go - Capital Reserve																																																																																																																																																		
	0	0	0	0	0	0	0	0	2,500,000	2,500,000																																																																																																																																								
Total	0	0	0	0	0	0	0	0	2,500,000	2,500,000																																																																																																																																								

Historical Approved Budget	Revenue												
<table border="1" style="width: 100%;"> <thead> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2016</td><td>250,000</td><td>250,000</td><td>0</td></tr> <tr><td>2017</td><td>250,000</td><td>250,000</td><td>0</td></tr> </tbody> </table>	Year	Total Expense	Net City Cost	Subsidies	2016	250,000	250,000	0	2017	250,000	250,000	0	
Year	Total Expense	Net City Cost	Subsidies										
2016	250,000	250,000	0										
2017	250,000	250,000	0										

Related Projects	Operating Budget Impact												
<table border="1" style="width: 100%;"> <thead> <tr> <th>Precedes</th> <th>Project Title</th> </tr> </thead> <tbody> <tr> <td>HCP-002-07</td> <td>Corporate Facilities Roof Replacement Program</td> </tr> </tbody> </table>	Precedes	Project Title	HCP-002-07	Corporate Facilities Roof Replacement Program	<table border="1" style="width: 100%;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No operating budget impact.</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	No operating budget impact.	0	0
Precedes	Project Title												
HCP-002-07	Corporate Facilities Roof Replacement Program												
Effective Date	Description	Exp/(Rev)	FTE Impact										
Unknown	No operating budget impact.	0	0										

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2016	January 4, 2016	Growth: 0.0 % Maintenance: 0.0 %	Tom Graziano	Ongoing



Project Version Summary

Project #	ENG-006-17	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Windsor International Aquatic Training Centre – Ongoing Capital Maintenance		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description				Version Description											
The Windsor International Aquatic Training Centre (WIATC) including Adventure Bay is a unique facility. It has a vast array of equipment that is used to run the facility as well as the specialized equipment associated with the waterpark and diving facility. In addition, the warranty for the equipment in the facility is now expired so this program will fund necessary replacement of components or equipment. It will include replacement and capital repairs of equipment, amusement devices, specialized HVAC equipment, pumps, water treatment equipment, etc. Other capital needs include replacement of safety features as well as capital repairs/replacements of items that support the unique functions of the facility.				The funding will be assigned on a priority basis as follows: <ul style="list-style-type: none"> - non-slip floor coating (annual application) - electrical work on FlowRider - FlowRider safety matting & wearing surface - epoxy coating on the water storage tank - dectron and HVAC replacement / overhaul - pool pumps - FlowRider tarp and pump replacement <p>Enterprise Risk(s): This funding will mitigate against the identified Infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.</p>											
Project Comments/Reference				Version Comments											
7189001															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	80,000	80,000	0	5410 Construction Contracts - TCA											
2021	0	0	0			80,000	0	150,000	150,000	971,500	568,500	150,000	150,000	1,440,000	3,660,000
2022	150,000	150,000	0	Total		80,000	0	150,000	150,000	971,500	568,500	150,000	150,000	1,440,000	3,660,000
2023	150,000	150,000	0	Revenues											
2024	971,500	971,500	0	209 WIATC Capital Maintenance Rve				0	0	150,000	150,000	0	0	0	380,000
2025	568,500	568,500	0	221 Service Sustainability Investm				150,000	150,000	821,500	418,500	150,000	150,000	1,440,000	3,280,000
2026	150,000	150,000	0	Total		80,000	0	150,000	150,000	971,500	568,500	150,000	150,000	1,440,000	3,660,000
2027	150,000	150,000	0												
2028+	1,440,000	1,440,000	0												
	3,660,000	3,660,000	0												
Historical Approved Budget															
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2018	75,000	75,000	0	5410 Construction Contracts - TCA											
2019	200,000	200,000	0	Total											
Related Projects				Operating Budget Impact											
				Effective Date		Description						Exp/(Rev)		FTE Impact	
				Unknown		A minimum \$50,000 impact to operating budget per year if the non-slip floor coating is not funded.						0		0	
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							

2017		Growth: 0.0 % Maintenance: 100.0 %	Daryl Brisebois	Ongoing
------	--	------------------------------------	-----------------	---------



Project Version Summary

Project #	ENG-007-17	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Facility Maintenance Equipment Program		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
To repair, replace and upgrade maintenance equipment within Facilities. This equipment is costly to repair/replace and many items are reaching the end of their useful life. Annual funding is being requested to replace/repair aging maintenance equipment, such as floor cleaning equipment, compressors, lifts etc. This budget will ensure that funds are available when maintenance equipment throughout Facilities fails or needs replacement.				The following project requires an annual allotment of \$50,000 beginning in 2022 to fund the replacement of facility maintenance equipment. The annual funds will be assigned on a priority basis based on the overall needs for maintenance equipment within the various facilities maintained by the Facilities division. Enterprise Risk(s): This funding will mitigate against the identified infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.											
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	0	0	0		0	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	350,000
2022	50,000	50,000	0		0	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	350,000
2023	50,000	50,000	0		0	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	350,000
2024	50,000	50,000	0		0	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	350,000
2025	50,000	50,000	0		0	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	350,000
2026	50,000	50,000	0		0	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	350,000
2027	50,000	50,000	0		0	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	350,000
2028+	50,000	50,000	0		0	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	350,000
	350,000	350,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	Any shortfalls will be handled by the operating budget.							0	0		
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2017	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Tom Graziano				Ongoing							



Project Version Summary

Project #	ENG-008-16	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	400 City Hall Square Workplace Reconfiguration		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description	Version Description
<p>The forthcoming Employee Service Center and Payroll areas of the Human Resources Department require office space to accommodate the proposed staffing model related to the implementation of the Workforce Management Software. In order to maximize efficiencies, these areas need to be located next to the Human Resources Department, which is located on the 4th floor of 400 City Hall Square.</p> <p>The Employment and Training Services division of the Employment and Social Services Department currently occupies space on the 4th Floor of 400 City Hall Square. This budget will allow for the construction and reconfiguration of existing space within the 400 City Hall Square to optimize use of the building's office space and to allow for the relocation of this division.</p>	<p>Employee Training Services will be relocated within 400 City Hall Square after the move of other divisions to the newly completed 350 City Hall Square, which is scheduled to reopen in 2018. Funds are set aside to cover renovations and furniture for the new space.</p>

Project Comments/Reference	Version Comments
7181028	PRE-COMMITMENT: CR196/2018, Report C 64/2018 approved a pre-commitment in 2019 (\$38,000) and in 2020 (\$162,000).

Project Forecast	Project Detailed Forecast																																																																																																																																																	
<table border="1" style="width: 100%;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2020</td><td>162,000</td><td>162,000</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2025</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2026</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2027</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2028+</td><td>0</td><td>0</td><td>0</td></tr> <tr> <td></td> <td>162,000</td> <td>162,000</td> <td>0</td> </tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2020	162,000	162,000	0	2021	0	0	0	2022	0	0	0	2023	0	0	0	2024	0	0	0	2025	0	0	0	2026	0	0	0	2027	0	0	0	2028+	0	0	0		162,000	162,000	0	<table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="11">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>162,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>162,000</td> </tr> <tr> <td>Total</td> <td>162,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>162,000</td> </tr> <tr> <td colspan="11">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>162,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>162,000</td> </tr> <tr> <td>Total</td> <td>162,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>162,000</td> </tr> </tbody> </table>	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	Expenses											5410 Construction Contracts - TCA												162,000	0	0	0	0	0	0	0	0	162,000	Total	162,000	0	0	0	0	0	0	0	0	162,000	Revenues											169 Pay As You Go - Capital Reserve												162,000	0	0	0	0	0	0	0	0	162,000	Total	162,000	0	0	0	0	0	0	0	0	162,000
Year			Total Expense	Revenue																																																																																																																																														
	Net City Cost	Subsidies																																																																																																																																																
2020	162,000	162,000	0																																																																																																																																															
2021	0	0	0																																																																																																																																															
2022	0	0	0																																																																																																																																															
2023	0	0	0																																																																																																																																															
2024	0	0	0																																																																																																																																															
2025	0	0	0																																																																																																																																															
2026	0	0	0																																																																																																																																															
2027	0	0	0																																																																																																																																															
2028+	0	0	0																																																																																																																																															
	162,000	162,000	0																																																																																																																																															
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total																																																																																																																																								
Expenses																																																																																																																																																		
5410 Construction Contracts - TCA																																																																																																																																																		
	162,000	0	0	0	0	0	0	0	0	162,000																																																																																																																																								
Total	162,000	0	0	0	0	0	0	0	0	162,000																																																																																																																																								
Revenues																																																																																																																																																		
169 Pay As You Go - Capital Reserve																																																																																																																																																		
	162,000	0	0	0	0	0	0	0	0	162,000																																																																																																																																								
Total	162,000	0	0	0	0	0	0	0	0	162,000																																																																																																																																								

Historical Approved Budget	Revenue								
<table border="1" style="width: 100%;"> <thead> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2019</td> <td>38,000</td> <td>38,000</td> <td>0</td> </tr> </tbody> </table>	Year	Total Expense	Net City Cost	Subsidies	2019	38,000	38,000	0	
Year	Total Expense	Net City Cost	Subsidies						
2019	38,000	38,000	0						

Related Projects	Operating Budget Impact								
	<table border="1" style="width: 100%;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No operating budget impact.</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	No operating budget impact.	0	0
Effective Date	Description	Exp/(Rev)	FTE Impact						
Unknown	No operating budget impact.	0	0						

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2016	January 1, 2018	Growth: 100.0 % Maintenance: 0.0 %	Tom Graziano/France Isabelle-Tunks	2018



Project Version Summary

Project #	ENG-010-17	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Capitol Theatre Capital Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description				Version Description																			
The Capitol Theatre requires funding for capital maintenance and replacement to maintain the building and equipment within.				<p>Specific work identified at this time is as follows: 2020 - Basement Leak Repairs, Carpeting, Plaster Repairs and Basement Interior Finishing (\$500,000) and Pre-Commitment of \$60,000 from Enhanced Capital Budget 2018 2021 - Flooring (\$250,000) 2022 - Plaster Repairs (\$200,000) 2024 - Funding to be prioritized based on Building Condition Assessments and other identified needs (\$750,000) 2025 - Funding to be prioritized based on Building Condition Assessments and other identified needs (\$750,000) 2028 - Funding to be prioritized based on Building Condition Assessments and other identified needs (\$100,000)</p> <p>Enterprise Risk(s): This funding will mitigate against the identified infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.</p>																			
Project Comments/Reference				Version Comments																			
7129000 also REC-002-12 (CLOSED) 7183008 (was ECB-010-18 - Enhanced Capital Budget 2018)				<p>Funds approved under the 2018 capital budget enhanced plan, which is funded in 2020 (ECB-010-18 now inactive) include rehabilitation and replacement of various components of theatre equipment such as a projector (\$27,000), audio (\$5,000), television (\$6,000) and lighting replacements (\$22,000) with funds expended on a facility needs basis.</p> <p>PRE-COMMITMENT: CR123/2018, Report C 20/2018 approved a pre-commitment of \$60,000 in 2020.</p>																			
Project Forecast				Project Detailed Forecast																			
		<u>Revenue</u>																					
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>									
Expenses				Expenses																			
2020	560,000	560,000	0	5410 Construction Contracts - TCA																			
2021	250,000	250,000	0		560,000	250,000	200,000	0	750,000	750,000	0	0	1,600,000	4,110,000									
2022	200,000	200,000	0	Total	560,000	250,000	200,000	0	750,000	750,000	0	0	1,600,000	4,110,000									
2023	0	0	0	Revenues																			
2024	750,000	750,000	0	221 Service Sustainability Investm																			
2025	750,000	750,000	0		560,000	250,000	200,000	0	750,000	750,000	0	0	1,600,000	4,110,000									
2026	0	0	0	Total	560,000	250,000	200,000	0	750,000	750,000	0	0	1,600,000	4,110,000									
2027	0	0	0																				
2028+	1,600,000	1,600,000	0																				
	4,110,000	4,110,000	0																				
Historical Approved Budget																							
		<u>Revenue</u>																					
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>																				
2019	40,000	40,000	0																				
Related Projects				Operating Budget Impact																			
				<table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>The lack of capital funding would result in deferral of repairs and increase the likelihood of additional spending in the operating budget.</td> <td>0</td> <td>0</td> </tr> </tbody> </table>												Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	The lack of capital funding would result in deferral of repairs and increase the likelihood of additional spending in the operating budget.	0	0
Effective Date	Description	Exp/(Rev)	FTE Impact																				
Unknown	The lack of capital funding would result in deferral of repairs and increase the likelihood of additional spending in the operating budget.	0	0																				
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date																			

2017	January 1, 2020	Growth: 0.0 % Maintenance: 100.0 %	Derek Thachuk	Ongoing
------	-----------------	------------------------------------	---------------	---------



Project Version Summary

Project #	ENG-011-17	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	400 City Hall Square - Capital Repairs		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description	Version Description
----------------------------	----------------------------

Funds to cover facility repairs/replacements at 400 CHS.

Specific work identified at this time is as follows:
 2020 - Carpeting (\$600,000) and Showers on P1 (\$100,000)
 2021 - Parking Garage Stairs Repair (\$500,000)
 2023-2024 - HVAC Equipment Replacements (\$1,700,000) and Fire Alarm System Replacement (\$120,000)
 2026 - Funding to be prioritized based on building condition assessments and other identified needs (\$500,000)
 2027 - Funding to be prioritized based on building condition assessments and other identified needs (\$500,000)

Enterprise Risk(s): This funding will mitigate against the identified infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.

Project Comments/Reference	Version Comments
-----------------------------------	-------------------------

7171011

Project Forecast	Revenue	Project Detailed Forecast
-------------------------	----------------	----------------------------------

Year	Total Expense	Net City Cost	Subsidies
2020	700,000	700,000	0
2021	500,000	500,000	0
2022	0	0	0
2023	129,700	129,700	0
2024	1,690,300	1,690,300	0
2025	0	0	0
2026	500,000	500,000	0
2027	500,000	500,000	0
2028+	820,000	820,000	0
	4,840,000	4,840,000	0

GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses										
5410 Construction Contracts - TCA	700,000	500,000	0	129,700	1,690,300	0	500,000	500,000	820,000	4,840,000
Total	700,000	500,000	0	129,700	1,690,300	0	500,000	500,000	820,000	4,840,000
Revenues										
186 400 City Hall Square E.	700,000	0	0	0	0	0	500,000	500,000	820,000	2,520,000
221 Service Sustainability Investm	0	500,000	0	129,700	1,690,300	0	0	0	0	2,320,000
Total	700,000	500,000	0	129,700	1,690,300	0	500,000	500,000	820,000	4,840,000

Historical Approved Budget	Revenue
-----------------------------------	----------------

Year	Total Expense	Net City Cost	Subsidies
2017	100,000	100,000	0
2019	300,000	300,000	0

Related Projects	Operating Budget Impact
-------------------------	--------------------------------

--	--	--	--	--

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %	Tom Graziano	Ongoing



Project Version Summary

Project #	HCP-001-10	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Corporate Facilities Water Backflow Prevention Program		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Version Description
Backflow prevention devices are used on water supply systems to prevent contaminants from being drawn back into the municipal water supply. They are required to be installed at the main supply entrance to the building and at the end of stream points such as taps and hose bibs. The issue of backflow prevention is a serious health & safety concern and for that reason it is addressed by the Ontario Building Code and the Enwin Utilities Cross Control By-Law. The City of Windsor is currently in contravention of these regulations at many city owned facilities, and is in receipt of corrective orders from Enwin Utilities. Tender 128-08 was issued to begin the corrective measures of the backflow prevention program. Regulations dictate that backflow devices must be tested yearly and repaired as required. Defective devices will not perform their required function.	Initially funded with \$70,000 in 2003, it is necessary that the program continues on an ongoing basis so that (i) potential health and safety threats to the municipal water supply system are eliminated and (ii) the city remains in compliance with applicable regulations. Installation of devices that require protection can be prioritized based on their potential to contaminate the water supply system and then completed over a multiyear period. Tender 128-08 was issued to begin the corrective measures of the back flow prevention program. There are still a significant number of devices that have not been tested and/or replaced. Of the devices that remain, priority will be given to those that pose the greatest risk in terms of water contamination. On an ongoing basis, these devices will require yearly inspection and maintenance and/or replacement as dictated by regulations.

Project Comments/Reference	Version Comments
7031134	

Project Forecast	Project Detailed Forecast																																																																																																																																																	
<table border="1" style="width: 100%;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2020</td><td>200,000</td><td>200,000</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2025</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2026</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2027</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2028+</td><td>300,000</td><td>300,000</td><td>0</td></tr> <tr><td></td><td>600,000</td><td>600,000</td><td>0</td></tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2020	200,000	200,000	0	2021	0	0	0	2022	100,000	100,000	0	2023	0	0	0	2024	0	0	0	2025	0	0	0	2026	0	0	0	2027	0	0	0	2028+	300,000	300,000	0		600,000	600,000	0	<table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="11">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>200,000</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>300,000</td> <td>600,000</td> </tr> <tr> <td>Total</td> <td>200,000</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>300,000</td> <td>600,000</td> </tr> <tr> <td colspan="11">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>200,000</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>300,000</td> <td>600,000</td> </tr> <tr> <td>Total</td> <td>200,000</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>300,000</td> <td>600,000</td> </tr> </tbody> </table>	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	Expenses											5410 Construction Contracts - TCA												200,000	0	100,000	0	0	0	0	0	300,000	600,000	Total	200,000	0	100,000	0	0	0	0	0	300,000	600,000	Revenues											169 Pay As You Go - Capital Reserve												200,000	0	100,000	0	0	0	0	0	300,000	600,000	Total	200,000	0	100,000	0	0	0	0	0	300,000	600,000
Year			Total Expense	Revenue																																																																																																																																														
	Net City Cost	Subsidies																																																																																																																																																
2020	200,000	200,000	0																																																																																																																																															
2021	0	0	0																																																																																																																																															
2022	100,000	100,000	0																																																																																																																																															
2023	0	0	0																																																																																																																																															
2024	0	0	0																																																																																																																																															
2025	0	0	0																																																																																																																																															
2026	0	0	0																																																																																																																																															
2027	0	0	0																																																																																																																																															
2028+	300,000	300,000	0																																																																																																																																															
	600,000	600,000	0																																																																																																																																															
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total																																																																																																																																								
Expenses																																																																																																																																																		
5410 Construction Contracts - TCA																																																																																																																																																		
	200,000	0	100,000	0	0	0	0	0	300,000	600,000																																																																																																																																								
Total	200,000	0	100,000	0	0	0	0	0	300,000	600,000																																																																																																																																								
Revenues																																																																																																																																																		
169 Pay As You Go - Capital Reserve																																																																																																																																																		
	200,000	0	100,000	0	0	0	0	0	300,000	600,000																																																																																																																																								
Total	200,000	0	100,000	0	0	0	0	0	300,000	600,000																																																																																																																																								

Historical Approved Budget																			
<table border="1" style="width: 100%;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2010</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2013</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2014</td><td>100,000</td><td>100,000</td><td>0</td></tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2010	100,000	100,000	0	2013	100,000	100,000	0	2014	100,000	100,000	0	
Year			Total Expense	Revenue															
	Net City Cost	Subsidies																	
2010	100,000	100,000	0																
2013	100,000	100,000	0																
2014	100,000	100,000	0																

Related Projects	Operating Budget Impact								
	<table border="1" style="width: 100%;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No operating budget impact.</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	No operating budget impact.	0	0
Effective Date	Description	Exp/(Rev)	FTE Impact						
Unknown	No operating budget impact.	0	0						

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
------------------------	-------------------	------------------------------	---------------------	-----------------------------

2010	January 1, 2016	Growth: 100.0 % Maintenance: 0.0 %	Tom Graziano	Ongoing
------	-----------------	------------------------------------	--------------	---------



Project Version Summary

Project #	HCP-002-07	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Corporate Facilities Roof Replacement Program		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 The corporate roof replacement program has been revised to reflect the highest priority based on available funding. It should be noted, roofs which will not be replaced until funds are available will continue to deteriorate resulting in either emergency repairs and/or eventual, untimely and unfunded roof replacements.

Project Comments/Reference
 See document attached for complete listing.
 7085008

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	1,330,500	1,330,500	0
2021	410,000	410,000	0
2022	400,000	400,000	0
2023	400,000	400,000	0
2024	400,000	400,000	0
2025	400,000	400,000	0
2026	1,700,000	1,700,000	0
2027	200,000	200,000	0
2028+	3,225,000	3,225,000	0
	8,465,500	8,465,500	0

Historical Approved Budget		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2007	150,000	150,000	0
2008	525,000	525,000	0
2009	285,000	285,000	0
2010	700,000	700,000	0
2011	740,000	740,000	0
2012	372,167	372,167	0
2014	355,320	355,320	0
2015	413,400	413,400	0
2016	456,000	456,000	0
2017	1,293,800	1,293,800	0
2018	471,100	471,100	0
2019	415,400	415,400	0

Version Description
 The City of Windsor has several building roofs that need attention. Jobs have been prioritized and estimated according to current status.

 Enterprise Risk(s): This funding will mitigate against the identified Infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.

Version Comments
 Per CR649/2017, \$500,000 was approved by Council as a pre-commitment in 2020 for necessary renovations, upgrades and roof replacement at 2437 Howard Ave. (Project #7161039).

 CR577/2019, report # C 178/2019 approved a pre-commitment to the 2020 Capital Budget on Nov. 18/19. - \$830,500.

Project Detailed Forecast		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses											
5410	Construction Contracts - TCA										
		1,330,500	410,000	400,000	400,000	400,000	400,000	1,700,000	200,000	3,225,000	8,465,500
	Total	1,330,500	410,000	400,000	400,000	400,000	400,000	1,700,000	200,000	3,225,000	8,465,500
Revenues											
221	Service Sustainability Investm										
		1,330,500	410,000	400,000	400,000	400,000	400,000	1,700,000	200,000	3,225,000	8,465,500
	Total	1,330,500	410,000	400,000	400,000	400,000	400,000	1,700,000	200,000	3,225,000	8,465,500

Related Projects		Operating Budget Impact			
Follows	Project Title	Effective Date	Description	Exp/(Rev)	FTE Impact
ENG-005-16	2437 Howard Ave. Improvements Placeholder	Unknown	The lack of capital funding for these works will result in the deferral of repairs, further deterioration of the aging facilities, and increase in the likelihood of over-expenditures in the operating budget when emergency repairs must be undertaken for operational and/or legislative reasons.	0	0
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Tom Graziano/Mel Douglas	Ongoing	

ROOF BUDGET

BUILDING	2020	2021	2022	2023	2024	2025	2026	2027	2028
1 Willistead Manor, Coach House, Gate House Repairs		\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000		
2 Willistead Manor, Coach House, Gate House Replacement		\$280,000	\$210,000	\$260,000					
3 MacKenzie Hall (flat roof)	\$23,000								
4 Roseland Golf Club	\$405,800								
5 Bridgeview Library	\$70,000								
6 Seminole Library		\$68,000							
7 Glengary Community Centre (Gym Area)	\$48,300								
8 Gino A Marcus CC				\$130,000	\$390,000				
9 Pump Stations at Little River Yard	\$52,000								
10 2450 McDougall	\$200,000								
11 Optimist Memorial Park Washrooms and Storage		\$7,000							
12 Remington Outdoor Pool Building		\$45,000							
13 Charles Clark (zamboni building)	\$13,400								
14 Charles Clark (concession building)	\$18,000								
15 Jefferson Police Station TBD			\$180,000						
16 2437 Howard (former Angileri Building) **	\$500,000								
17 Central Heat Building at City Hall						\$20,000			
18 Fire Apparatus (Kew Drive)						\$40,000	\$140,000		
19 Public Works Administration (1266 McDougall)						\$280,000			
20 Adie Knox Arena							\$500,000		
21 Misc Parks Buildings						\$50,000	\$50,000		
22 Windsor Justice Facility (WJF)									
23 Capri Recreation Complex									
24 Fire Hall #3 - 2750 Ouellette Ave								\$105,000	
25 Crawford Yard - Carpenter Shop								\$95,000	
26 400 CHS							\$1,000,000		
TOTAL REQUESTED:	\$1,330,500	\$410,000	\$400,000	\$400,000	\$400,000	\$400,000	\$1,700,000	\$200,000	-

**NOTE: 2437 Howard Roof funding was pre-committed in the 2020 budget year as per CR649/2017



Project Version Summary

Project #	HCP-002-09	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Fire Hall Capital Refurbishment Program		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description										
This project is used for all Fire Hall capital repairs that are prioritized annually by Facilities in consultation with Fire. Fire & Rescue facilities are unique in that they serve an emergency response function, with staff living in them and operate 24 hours a day. With the exception of the construction of the new Fire Hall 7, completed in 2012, and Fire Hall 2, completed in 2015, and Fire Hall 5, completed in 2017, the average age of the Fire & Rescue facilities is 27 years and many of the building components are past their life expectancy. These facilities are experiencing greater capital investment needs to maintain, repair or replace aging components.				The Fire Halls that are not being replaced require funds for repairs/replacements as needed. Enterprise Risk(s): This funding will mitigate against the identified infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.										
Project Comments/Reference				Version Comments										
7091015														
Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5410	Construction Contracts - TCA									
2021	50,000	50,000	0		0	50,000	100,000	150,000	0	0	0	150,000	150,000	600,000
2022	100,000	100,000	0		0	50,000	100,000	150,000	0	0	0	150,000	150,000	600,000
2023	150,000	150,000	0		0	50,000	100,000	150,000	0	0	0	150,000	150,000	600,000
2024	0	0	0		0	50,000	100,000	150,000	0	0	0	150,000	150,000	600,000
2025	0	0	0		0	50,000	100,000	150,000	0	0	0	150,000	150,000	600,000
2026	0	0	0		0	50,000	100,000	150,000	0	0	0	150,000	150,000	600,000
2027	150,000	150,000	0		0	50,000	100,000	150,000	0	0	0	150,000	150,000	600,000
2028+	150,000	150,000	0		0	50,000	100,000	150,000	0	0	0	150,000	150,000	600,000
	600,000	600,000	0		0	50,000	100,000	150,000	0	0	0	150,000	150,000	600,000
Historical Approved Budget				Revenues										
		Revenue		221	Service Sustainability Investm									
Year	Total Expense	Net City Cost	Subsidies		0	50,000	100,000	150,000	0	0	0	150,000	150,000	600,000
2009	150,750	150,750	0		0	50,000	100,000	150,000	0	0	0	150,000	150,000	600,000
2012	150,000	0	150,000		0	50,000	100,000	150,000	0	0	0	150,000	150,000	600,000
2014	210,000	0	210,000		0	50,000	100,000	150,000	0	0	0	150,000	150,000	600,000
2016	59,500	59,500	0		0	50,000	100,000	150,000	0	0	0	150,000	150,000	600,000
2017	150,000	150,000	0		0	50,000	100,000	150,000	0	0	0	150,000	150,000	600,000
2018	150,000	150,000	0		0	50,000	100,000	150,000	0	0	0	150,000	150,000	600,000
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	No operating budget impact.								0	0
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										

2009	January 2, 2016	Growth: 0.0 % Maintenance: 0.0 %	Tom Graziano	Ongoing
------	-----------------	----------------------------------	--------------	---------



Project Version Summary

Project #	HCP-005-08	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Corporate Facilities Paving Program		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Some of the asphalt paving and concrete approaches at Corporate Facilities are beyond their life expectancy or have become damaged. This includes cracked and uneven surfaces which cause trip hazards, allow water to penetrate the surface which will erode the base layer and ultimately speed up the deterioration of the surface layer. In extreme cases it causes vehicle damage. Depressions allow ponding water to freeze/thaw cycle which can quickly break up materials. The repairs to these surfaces will reduce vehicle wear and damage as well as reduce liability associated with trip and fall incidents.

Version Description

Repair of asphalt paving and concrete approaches city wide that are beyond their life expectancy or have become damaged on a priority basis. This project requires annual funding of \$100,000 in 2021-2023, 2025 and 2027 to be prioritized based on need.

Specific work identified at this time is as follows:

- 2021 - WFCU Parking Lot (\$1,115,000)
- 2022 - WFCU Parking Lot (\$970,000)
- 2024 - WFCU Parking Lot (\$315,000)
- 2025 - WFCU Parking Lot (\$2,000,000) and Willistead Parking Lot (\$400,000), Huron Lodge Parking Lot (\$650,000)
- 2027 - Adie Knox West Parking Lot (\$400,000)
- 2028 - 2437 Howard Ave. Parking Lot (\$750,000)

Enterprise Risk(s): This funding will mitigate against the identified infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.

Project Comments/Reference

7101016

Version Comments

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5410	Construction Contracts - TCA									
2021	1,215,000	1,215,000	0		0	1,215,000	1,070,000	100,000	2,315,000	3,150,000	0	500,000	4,500,000	12,850,000
2022	1,070,000	1,070,000	0											
2023	100,000	100,000	0											
2024	2,315,000	2,315,000	0											
2025	3,150,000	3,150,000	0											
2026	0	0	0											
2027	500,000	500,000	0											
2028+	4,500,000	4,500,000	0											
	12,850,000	12,850,000	0											
Historical Approved Budget				Revenues										
Year	Total Expense	Net City Cost	Subsidies	221	Service Sustainability Investm									
2008	49,500	49,500	0		0	1,215,000	1,070,000	100,000	2,315,000	3,150,000	0	500,000	4,500,000	12,850,000
2009	34,000	34,000	0											
2010	30,000	30,000	0											
2015	128,500	128,500	0											
2016	100,000	100,000	0											
2017	600,000	600,000	0											
2018	150,000	150,000	0											
2019	100,000	100,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	No operating budget impact.								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2008	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		Tom Graziano				Ongoing						



Project Version Summary

Project #	HCP-010-07	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Willistead Complex Capital Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 4		
Version Name	Main (Active)		

Project Description
The expenditures identified are capital in nature designed to maintain the operational integrity of this heritage complex. These necessary improvements are aligned with the recommendation resulting from a 2003 study initiated by the City of Windsor and contained in a published document authored by the Architect George Robb "A Condition Assessment Strategy for Repairs and Maintenance of Heritage Properties".

Version Description
The Willistead Complex requires an annual allotment of \$50,000 beginning in 2023 for repairs and maintenance as needed. Specific work identified at this time is as follows: 2021 - 2022 - Front Courtyard Restoration (\$450,000) and Willistead Fencing (\$600,000) 2025 - Willistead Fencing (\$500,000) and Exterior Painting (\$100,000) 2026 - Willistead Fencing (\$1,450,000) 2027 - Basement Restoration and Interior Painting (\$500,000) Enterprise Risk(s): This funding will mitigate against the identified infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.

Project Comments/Reference
7062048 (Closed) / 7171061 (Closed) / 7125002 / 7195000 (One Time FGT 2019)

Version Comments

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	0	0	0
2021	150,000	150,000	0
2022	900,000	900,000	0
2023	50,000	50,000	0
2024	50,000	50,000	0
2025	650,000	650,000	0
2026	1,500,000	1,500,000	0
2027	550,000	550,000	0
2028+	2,550,000	2,550,000	0
	6,400,000	6,400,000	0

Project Detailed Forecast										
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses										
5410	Construction Contracts - TCA									
	0	150,000	900,000	50,000	50,000	650,000	1,500,000	550,000	2,550,000	6,400,000
Total	0	150,000	900,000	50,000	50,000	650,000	1,500,000	550,000	2,550,000	6,400,000
Revenues										
151	Parks/Rec/Facil Acquis Funding									
	0	0	0	0	0	500,000	0	0	0	500,000
221	Service Sustainability Investm									
	0	150,000	900,000	50,000	50,000	150,000	1,500,000	550,000	2,550,000	5,900,000
Total	0	150,000	900,000	50,000	50,000	650,000	1,500,000	550,000	2,550,000	6,400,000

Historical Approved Budget		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2007	50,000	50,000	0
2008	50,000	50,000	0
2010	20,000	20,000	0
2011	20,000	20,000	0
2012	20,000	20,000	0
2016	750,000	750,000	0
2017	750,000	750,000	0
2019	680,000	680,000	0

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
2012	January 1, 2012	Growth: 0.0 % Maintenance: 0.0 %	Jan Wilson/Tom Graziano	Ongoing	
			Effective Date	Description	Exp/(Rev) FTE Impact
			Unknown	No operating budget impact.	0 0



Project Version Summary

Project #	OPS-007-07	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Public Works Operations Facilities Refurbishment		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Ongoing improvements to Public Works buildings including Crawford Yard, Environmental Yard and Traffic Operations based on priority.

The Maintenance, Contracts, Field Services, and Fleet Divisions are headquartered at the Crawford Yard Facility. Satellite locations for these divisions include the east end winter control salt storage and administrative trailer at 3540 N. Service Rd.

Crawford Yard Facility was converted from prior industrial uses to accommodate Public Works staff over 45 years ago. There is a salt dome and 4 buildings with material storage/processing areas on-site. Rehabilitation and renovation are required on an ongoing basis due to changes in technological and operational requirements and the age of the various buildings and the site.

Project Comments/Reference

7033139 (Closed) / 7141029

Version Description

An annual allotment of \$25,000 in 2020 and 2024-2027 for various repairs, to address health & safety issues, unexpected needs and to perform proper maintenance is also needed.

Specific work identified at this time is as follows:

2021 - Crawford Yard Backup Generator (\$400,000), Crawford Yard Perimeter Foundation Wall Repair (\$150,000), Environmental Paving Work (\$60,000)
 2022-2023 - Crawford Yard Shop Floor Drain Repairs (\$1,000,000), Crawford Boiler Replacement (\$200,000) and Environmental Security Camera Replacement (\$35,000).

Other identified work without specific timeline:

Conversion of Crawford Yard Building 4 into Office Space (\$1,500,000); Crawford Yard Truck Wash (\$500,000); Environmental Service Truck Wash Bay (\$500,000); Traffic Sign Shop Ventilation (\$100,000); Traffic Change Room Reconfiguration (\$400,000); Crawford Yard Infrastructure for Electrical Vehicle Charging (\$200,000); Crawford Yard Canopy at the Back of the Salt Dome (\$200,000); Crawford Yard Mechanical Upgrades (\$500,000); Crawford Yard Miscellaneous Window Replacements (\$500,000); Crawford Yard Stockroom Renovation (\$300,000); Traffic Control Relocation from 1269 Mercer to 1266 McDougall (\$5,000,000) and Crawford Yard Mechanical Upgrades (\$500,000)

Version Comments

Costs for the work identified are estimates only. Timing of expenditure may not align with the timing of the funding.

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	25,000	25,000	0	5410	Construction Contracts - TCA									
2021	596,101	596,101	0		25,000	596,101	575,000	653,899	25,000	25,000	25,000	25,000	7,100,000	9,050,000
2022	575,000	575,000	0		Total									
2023	653,899	653,899	0		25,000	596,101	575,000	653,899	25,000	25,000	25,000	25,000	7,100,000	9,050,000
2024	25,000	25,000	0	Revenues										
2025	25,000	25,000	0	221	Service Sustainability Investm									
2026	25,000	25,000	0		25,000	596,101	575,000	653,899	25,000	25,000	25,000	25,000	7,100,000	9,050,000
2027	25,000	25,000	0		Total									
2028+	7,100,000	7,100,000	0		25,000	596,101	575,000	653,899	25,000	25,000	25,000	25,000	7,100,000	9,050,000
	9,050,000	9,050,000	0											
Historical Approved Budget														
Year	Total Expense	Net City Cost	Subsidies											
2007	50,000	50,000	0											
2008	50,000	50,000	0											
2009	50,000	50,000	0											
2010	50,000	50,000	0											
2011	50,000	50,000	0											
2014	500,000	300,000	200,000											
2015	275,000	275,000	0											
2016	50,000	50,000	0											
2017	75,000	75,000	0											
2018	373,360	271,000	102,360											
2019	490,720	490,720	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	The lack of capital funding for these works will result in the deferral of repairs, further deterioration of the aging facilities, and increase the likelihood of over-expenditures in the operating budget when emergency repairs must be undertaken for operational and/or legislative reasons.								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Tom Graziano				Ongoing						



Project Version Summary

Project #	PFO-001-12	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Corporate Properties Security Systems and Infrastructure		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The Corporate Security Infrastructure forms an important element of Facilities that lends towards the safety of both municipal staff and the public. It includes items such as card access equipment, cameras, monitors, digital video recording devices, customer service counters, electric strikes with door release buttons, mag locks, door hardware and exterior lighting. This program would fund the necessary modifications, expansions and upgrades to existing systems, as well as the funding to install new infrastructure, as required, where none has previously existed.

The City of Windsor's current security infrastructure is aging and in need of an upgrade. Currently there is a disconnect between the security infrastructure in the downtown core and the majority of the other Corporate facilities.

Project Comments/Reference

7053035 - This capital account replaces both Corporate Wide Security Systems and Security Infrastructure Improvements.

Project Forecast

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2020	50,000	50,000	0
2021	75,000	75,000	0
2022	75,000	75,000	0
2023	75,000	75,000	0
2024	75,000	75,000	0
2025	75,000	75,000	0
2026	75,000	75,000	0
2027	75,000	75,000	0
2028+	850,000	850,000	0
	1,425,000	1,425,000	0

Historical Approved Budget

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2012	50,000	50,000	0
2013	50,000	50,000	0
2014	106,500	106,500	0
2015	100,000	100,000	0
2016	100,000	100,000	0
2017	50,000	50,000	0
2018	50,000	50,000	0
2019	135,000	135,000	0

Version Description

The following project requires an annual allotment to maintain the security systems currently in place at all of the City of Windsor facilities: 2020 - \$20,000, 2021 - \$45,000, 2022 - \$25,000 and 2023-2028 - \$75,000.

Specific work identified at this time is as follows:

- 2020 - Recreation Facilities Cameras at Cash Drawers (\$30,000)
- 2021 - Recreation Facilities Cameras at Cash Drawers (\$30,000)
- 2022 - 2450 McDougall Gate and Card Access (\$50,000)

Other identified needs without specific timeline:

- Forest Glade CC Card Access (\$50,000), Adie Knox CC Card Access (\$50,000), Zamboni Room Card Access for Forest Glade Arena, Adie Knox Arena and Capri Pizzeria Recreation Complex (\$75,000), 400 CHS Security Systems (\$250,000), Huron Lodge Card Access Conversion (\$250,000)

Version Comments

Project Detailed Forecast

GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses										
5410 Construction Contracts - TCA										
	50,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	850,000	1,425,000
Total	50,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	850,000	1,425,000
Revenues										
169 Pay As You Go - Capital Reserve										
	50,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	850,000	1,425,000
Total	50,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	850,000	1,425,000

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
2012	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %	Tom Graziano	Ongoing	
			Effective Date	Description	Exp/(Rev) FTE Impact
			Unknown	No operating budget impact.	0 0



Project Version Summary

Project #	PFO-001-15	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Huron Lodge Environmental Services Equipment Replacement		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description				Version Description											
Huron Lodge is a long-term care residence for seniors. The equipment needs for this facility are extensive and must be in constant working order to be able to operate the residence according to the provincial standards set by the Ministry of Health and Long-Term Care.				<p>The anticipated kitchen, cleaning and laundry equipment are: 2020 - Washers, Dryers and Related Installation (\$175,000) 2022 - Washers, Dryers and Related Installation (\$175,000) 2026 - 2028 - Trash Compactor (\$400,000), Dock Leveler (\$100,000) and other miscellaneous equipment repairs</p> <p>Enterprise Risk(s): This funding will mitigate against the identified infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.</p>											
Project Comments/Reference				Version Comments											
7152003															
Project Forecast				Project Detailed Forecast											
		<u>Revenue</u>		<u>GL Account</u>		<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	175,000	175,000	0	5410	Construction Contracts - TCA										
2021	0	0	0		175,000	0	175,000	0	0	0	175,000	175,000	1,150,000	1,850,000	
2022	175,000	175,000	0		Total	175,000	0	175,000	0	0	175,000	175,000	1,150,000	1,850,000	
2023	0	0	0	Revenues											
2024	0	0	0	221	Service Sustainability Investm										
2025	0	0	0		175,000	0	175,000	0	0	0	175,000	175,000	1,150,000	1,850,000	
2026	175,000	175,000	0		Total	175,000	0	175,000	0	0	175,000	175,000	1,150,000	1,850,000	
2027	175,000	175,000	0												
2028+	1,150,000	1,150,000	0												
	1,850,000	1,850,000	0												
Historical Approved Budget															
		<u>Revenue</u>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2015	120,000	120,000	0												
2016	18,000	18,000	0												
2019	60,000	60,000	0												
Related Projects				Operating Budget Impact											
				<u>Effective Date</u>	<u>Description</u>									<u>Exp/(Rev)</u>	<u>FTE Impact</u>
				Unknown	The lack of capital funding would result in further deterioration of the equipment and increase the likelihood of expenditures in the operating budget due to repairs.								0	0	
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2014	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Mike Smithson				Ongoing							



Project Version Summary

Project #	PFO-002-12	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Facility Structural & Building Envelope Maintenance Program		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This program is intended to fund structural & building envelope repairs at all corporately owned facilities. These improvements focus on the building envelope and structural repairs and generally have individual cost occurrences of less than \$50,000.

Version Description

An annual budget of \$50,000 beginning in 2020 is required to cover all repairs on an as needed basis.

Specific work identified at this time is as follows:

- 2020 - Festival Plaza Building Repair (\$100,000)
- 2025 - Computer for Kids (4150 Sandwich) Renovation (\$500,000)
- 2026 - 930 Mercer Exterior Wall Insulation and Siding (\$100,000)
- 2027 - Funding to be prioritized based on Building Condition Assessments and other identified needs (\$450,000)
- 2028 - Funding to be prioritized based on Building Condition Assessments and other identified needs (\$1,550,000)

Other identified needs without specific timeline:

- 2450 McDougall Exterior Work (\$200,000)

Enterprise Risk(s): This funding will mitigate against the identified Infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.

Project Comments/Reference

7151017

Version Comments

Project Forecast

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2020	150,000	150,000	0
2021	50,000	50,000	0
2022	50,000	50,000	0
2023	50,000	50,000	0
2024	50,000	50,000	0
2025	550,000	550,000	0
2026	150,000	150,000	0
2027	500,000	500,000	0
2028+	1,600,000	1,600,000	0
	3,150,000	3,150,000	0

Project Detailed Forecast

GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses										
5410 Construction Contracts - TCA										
	150,000	50,000	50,000	50,000	50,000	550,000	150,000	500,000	1,600,000	3,150,000
Total	150,000	50,000	50,000	50,000	50,000	550,000	150,000	500,000	1,600,000	3,150,000
Revenues										
221 Service Sustainability Investm										
	150,000	50,000	50,000	50,000	50,000	550,000	150,000	500,000	1,600,000	3,150,000
Total	150,000	50,000	50,000	50,000	50,000	550,000	150,000	500,000	1,600,000	3,150,000

Historical Approved Budget

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2015	75,000	75,000	0
2018	50,000	50,000	0
2019	100,000	100,000	0

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
2012	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Tom Graziano	Ongoing	
			Effective Date	Description	Exp/(Rev) FTE Impact
			Unknown	No operating budget impact.	0 0



Project Version Summary

Project #	PFO-002-14	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Huron Lodge Facility Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description	Version Description
There are a number of corrections required at Huron Lodge. The most significant are correcting issues related to the building envelope water leaks (walls, windows, roof, and parapets), the heating, cooling, ventilation, & humidification systems, plumbing, and flooring repairs. An architectural/engineering consultant is required to assess the deficiencies and recommend the best, most cost effective solutions.	<p>Specific work identified at this time is as follows: 2020 - Vestibule (\$110,000) and CCTV Replacement (\$120,000) 2025 - Flooring, Humidifiers Replacement and Boilers Replacement (\$750,000) 2026 - Water Softener System Replacement, Chiller Pumps, Fire Panel, Rooftop Units, Building Envelope Repairs (\$750,000) 2027 - Flooring (\$100,000)</p> <p>Other identified needs: Wall protection board for corridor walls - Phase I (\$250,000)</p> <p>Enterprise Risk(s): This funding will mitigate against the identified infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.</p>

Project Comments/Reference	Version Comments
7153006	

Project Forecast	Project Detailed Forecast																																																																																																																																																	
<table border="1" style="width: 100%;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2020</td><td>230,000</td><td>230,000</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2025</td><td>750,000</td><td>750,000</td><td>0</td></tr> <tr><td>2026</td><td>750,000</td><td>750,000</td><td>0</td></tr> <tr><td>2027</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2028+</td><td>2,050,000</td><td>2,050,000</td><td>0</td></tr> <tr><td></td><td>3,880,000</td><td>3,880,000</td><td>0</td></tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2020	230,000	230,000	0	2021	0	0	0	2022	0	0	0	2023	0	0	0	2024	0	0	0	2025	750,000	750,000	0	2026	750,000	750,000	0	2027	100,000	100,000	0	2028+	2,050,000	2,050,000	0		3,880,000	3,880,000	0	<table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="11">Expenses</td> </tr> <tr> <td>5411 Construction Contracts-Non TCA</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td>230,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>750,000</td> <td>750,000</td> <td>100,000</td> <td>2,050,000</td> <td>3,880,000</td> </tr> <tr> <td>Total</td> <td>230,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>750,000</td> <td>750,000</td> <td>100,000</td> <td>2,050,000</td> <td>3,880,000</td> </tr> <tr> <td colspan="11">Revenues</td> </tr> <tr> <td>221 Service Sustainability Investm</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td>230,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>750,000</td> <td>750,000</td> <td>100,000</td> <td>2,050,000</td> <td>3,880,000</td> </tr> <tr> <td>Total</td> <td>230,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>750,000</td> <td>750,000</td> <td>100,000</td> <td>2,050,000</td> <td>3,880,000</td> </tr> </tbody> </table>	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	Expenses											5411 Construction Contracts-Non TCA												230,000	0	0	0	0	750,000	750,000	100,000	2,050,000	3,880,000	Total	230,000	0	0	0	0	750,000	750,000	100,000	2,050,000	3,880,000	Revenues											221 Service Sustainability Investm												230,000	0	0	0	0	750,000	750,000	100,000	2,050,000	3,880,000	Total	230,000	0	0	0	0	750,000	750,000	100,000	2,050,000	3,880,000
Year			Total Expense	Revenue																																																																																																																																														
	Net City Cost	Subsidies																																																																																																																																																
2020	230,000	230,000	0																																																																																																																																															
2021	0	0	0																																																																																																																																															
2022	0	0	0																																																																																																																																															
2023	0	0	0																																																																																																																																															
2024	0	0	0																																																																																																																																															
2025	750,000	750,000	0																																																																																																																																															
2026	750,000	750,000	0																																																																																																																																															
2027	100,000	100,000	0																																																																																																																																															
2028+	2,050,000	2,050,000	0																																																																																																																																															
	3,880,000	3,880,000	0																																																																																																																																															
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total																																																																																																																																								
Expenses																																																																																																																																																		
5411 Construction Contracts-Non TCA																																																																																																																																																		
	230,000	0	0	0	0	750,000	750,000	100,000	2,050,000	3,880,000																																																																																																																																								
Total	230,000	0	0	0	0	750,000	750,000	100,000	2,050,000	3,880,000																																																																																																																																								
Revenues																																																																																																																																																		
221 Service Sustainability Investm																																																																																																																																																		
	230,000	0	0	0	0	750,000	750,000	100,000	2,050,000	3,880,000																																																																																																																																								
Total	230,000	0	0	0	0	750,000	750,000	100,000	2,050,000	3,880,000																																																																																																																																								

Historical Approved Budget																			
<table border="1" style="width: 100%;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2015</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2016</td><td>250,000</td><td>250,000</td><td>0</td></tr> <tr><td>2017</td><td>250,000</td><td>250,000</td><td>0</td></tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2015	100,000	100,000	0	2016	250,000	250,000	0	2017	250,000	250,000	0	
Year			Total Expense	Revenue															
	Net City Cost	Subsidies																	
2015	100,000	100,000	0																
2016	250,000	250,000	0																
2017	250,000	250,000	0																

Related Projects	Operating Budget Impact								
	<table border="1" style="width: 100%;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No operating budget impact.</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	No operating budget impact.	0	0
Effective Date	Description	Exp/(Rev)	FTE Impact						
Unknown	No operating budget impact.	0	0						

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
------------------------	-------------------	------------------------------	---------------------	-----------------------------

2014	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Mike Smithson	Ongoing
------	-----------------	------------------------------------	---------------	---------



Project Version Summary

Project #	PFO-002-18	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Facility & Parks Building Demolitions		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description				Version Description																																						
There are a number of buildings within the Facilities division that are in poor condition. They have been identified as reaching the end of their useful life and need to be demolished. By demolishing these buildings, the Corporation would no longer have the liability to maintain these buildings. In addition, restoration of the property will help in creating an improved aesthetic for the neighbourhoods and parks that surround these buildings.				This project requires an annual allotment of \$100,000 beginning in 2022 to fund the demolitions. The funds will be assigned on a priority basis.																																						
Project Comments/Reference				Version Comments																																						
7189002																																										
Project Forecast				Project Detailed Forecast																																						
		<u>Revenue</u>																																								
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>																												
2020	0	0	0	Expenses																																						
2021	0	0	0	5410 Construction Contracts - TCA																																						
2022	100,000	100,000	0	<table border="0" style="width: 100%;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">100,000</td> <td style="width: 10%; text-align: right;">100,000</td> <td style="width: 10%; text-align: right;">100,000</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">100,000</td> <td style="width: 10%; text-align: right;">100,000</td> <td style="width: 10%; text-align: right;">300,000</td> <td style="width: 10%; text-align: right;">800,000</td> </tr> <tr> <td style="text-align: right;">Total</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">100,000</td> <td style="text-align: right;">100,000</td> <td style="text-align: right;">100,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">100,000</td> <td style="text-align: right;">100,000</td> <td style="text-align: right;">300,000</td> <td style="text-align: right;">800,000</td> </tr> </table>																		0	0	100,000	100,000	100,000	0	100,000	100,000	300,000	800,000	Total	0	0	100,000	100,000	100,000	0	100,000	100,000	300,000	800,000
	0	0	100,000	100,000	100,000	0	100,000	100,000	300,000	800,000																																
Total	0	0	100,000	100,000	100,000	0	100,000	100,000	300,000	800,000																																
2023	100,000	100,000	0	Revenues																																						
2024	100,000	100,000	0	221 Service Sustainability Investm																																						
2025	0	0	0	<table border="0" style="width: 100%;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">100,000</td> <td style="width: 10%; text-align: right;">100,000</td> <td style="width: 10%; text-align: right;">100,000</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">100,000</td> <td style="width: 10%; text-align: right;">100,000</td> <td style="width: 10%; text-align: right;">300,000</td> <td style="width: 10%; text-align: right;">800,000</td> </tr> <tr> <td style="text-align: right;">Total</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">100,000</td> <td style="text-align: right;">100,000</td> <td style="text-align: right;">100,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">100,000</td> <td style="text-align: right;">100,000</td> <td style="text-align: right;">300,000</td> <td style="text-align: right;">800,000</td> </tr> </table>																		0	0	100,000	100,000	100,000	0	100,000	100,000	300,000	800,000	Total	0	0	100,000	100,000	100,000	0	100,000	100,000	300,000	800,000
	0	0	100,000	100,000	100,000	0	100,000	100,000	300,000	800,000																																
Total	0	0	100,000	100,000	100,000	0	100,000	100,000	300,000	800,000																																
2026	100,000	100,000	0																																							
2027	100,000	100,000	0																																							
2028+	300,000	300,000	0																																							
	800,000	800,000	0																																							
Historical Approved Budget																																										
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>																																							
2018	55,000	55,000	0																																							
Related Projects				Operating Budget Impact																																						
				<u>Effective Date</u>		<u>Description</u>												<u>Exp/(Rev)</u>		<u>FTE Impact</u>																						
				Unknown		There will be an approximate operational budget impact of \$30,000 if this project to demolish these structures is not funded. These expenses would impact operational line item accounts such as insurance, utilities and building maintenance due to the need to maintain these structures at a minimum level, despite not being operational. In addition, there is a significant risk component to maintain these vacant buildings, as they are prone to vandalism.												0		0																						
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date																																		
2018	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %		Tom Graziano				Ongoing																																		



Project Version Summary

Project #	PFO-002-19	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Fountain Restoration and Repairs		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 2		
Version Name	Main (Active)		

Project Description		This project is intended to fund capital costs for ongoing maintenance and restoration of all Facilities fountains including repainting, retiling, pump repairs, etc.		Version Description		Specific work identified at this time is as follow: 2020 - Sandwich Street Fountain Tile & Pump Repairs, Painting, Relocation of Utility Pit and Brick Work (\$50,000) 2022 - 2023 - Peace Fountain (\$1,200,000) 2024 - Bert Weeks, Willistead and other fountain repairs (\$250,000) 2025 - Founding to be prioritized based on identified needs (\$250,000) 2027 - Founding to be prioritized based on identified needs (\$160,000)									
Project Comments/Reference		7209008		Version Comments		ENG-006-16 - Coventry Gardens Peace Fountain Capital Repairs and PFO-001-20 - Bert Weeks Garden Capital Restoration have been merged into the capital project as at 2020 budget. PRE-COMMITMENTS: Per CR614/2019, Report C 189/2019 Pre-commits \$470,500: \$449,500 in 2022 and \$21,000 in 2023. Of note, B8/2019 has resulted in some or all of the original PAYG funding to be identified as Service Sustainability F221 funding.									
Project Forecast		Revenue		Project Detailed Forecast											
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
2020	50,000	50,000	0	Expenses											
2021	0	0	0	5410 Construction Contracts - TCA											
2022	449,500	449,500	0		50,000	0	449,500	750,500	250,000	1,250,000	0	160,000	1,750,000	4,660,000	
2023	750,500	750,500	0	Total	50,000	0	449,500	750,500	250,000	1,250,000	0	160,000	1,750,000	4,660,000	
2024	250,000	250,000	0	Revenues											
2025	1,250,000	1,250,000	0	221 Service Sustainability Investm											
2026	0	0	0		50,000	0	449,500	750,500	250,000	1,250,000	0	160,000	1,750,000	4,660,000	
2027	160,000	160,000	0	Total	50,000	0	449,500	750,500	250,000	1,250,000	0	160,000	1,750,000	4,660,000	
2028+	1,750,000	1,750,000	0												
	4,660,000	4,660,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	Any maintenance required prior to a full refurbishment may impact the operating budget.								0	0	
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2019	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %		Donovan Tremblay											



Project Version Summary

Project #	PFO-003-11	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Corporate Designated Substance Remediation Program		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
This program will fund the expenses incurred when Designated Substances, as defined in Ontario Regulation 490/90 of the OH&S Act, are encountered and required to be properly managed in municipal buildings.				This program continues on an ongoing basis to fund any designated substance remediation as needed.											
These substances are sometimes encountered unexpectedly during renovation projects or are discovered through a targeted investigation.															
Project Comments/Reference				Version Comments											
7001225 - This capital project replaces The Asbestos Abatement Program.															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA		0	0	0	0	0	0	50,000	50,000	200,000	300,000
2021	0	0	0	Total		0	0	0	0	0	0	50,000	50,000	200,000	300,000
2022	0	0	0	Revenues											
2023	0	0	0	169 Pay As You Go - Capital Reserve		0	0	0	0	0	0	0	0	0	0
2024	0	0	0	221 Service Sustainability Investm		0	0	0	0	0	0	50,000	50,000	200,000	300,000
2025	0	0	0	Total		0	0	0	0	0	0	50,000	50,000	200,000	300,000
2026	50,000	50,000	0												
2027	50,000	50,000	0												
2028+	200,000	200,000	0												
	300,000	300,000	0												
Historical Approved Budget															
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2017	100,000	100,000	0	5410 Construction Contracts - TCA		0	0	0	0	0	0	50,000	50,000	200,000	300,000
2019	100,000	100,000	0	Total		0	0	0	0	0	0	50,000	50,000	200,000	300,000
Related Projects				Operating Budget Impact											
				Effective Date		Description						Exp/(Rev)		FTE Impact	
				Unknown		If the remediation required exceeds currently available funds, the impact on the operating budget will be significant.						0		0	
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2011	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %		Tom Graziano				Ongoing							



Project Version Summary

Project #	PFO-003-13	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Art Gallery of Windsor Capital Refurbishment		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description				Version Description											
Projected capital costs for the ongoing maintenance of the Art Gallery of Windsor.				The Art Gallery of Windsor requires funds for various capital repairs and maintenance going forward. Specific work identified at this time is as follows: 2020 - Museum Signage (\$30,000) Enterprise Risk(s): This funding will mitigate against the identified infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.											
Project Comments/Reference				Version Comments											
7119006															
Project Forecast				Project Detailed Forecast											
		<u>Revenue</u>		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	30,000	30,000	0	5410 Construction Contracts - TCA											
2021	75,000	75,000	0			30,000	75,000	25,000	125,000	0	0	125,000	125,000	325,000	830,000
2022	25,000	25,000	0												
2023	125,000	125,000	0												
2024	0	0	0												
2025	0	0	0												
2026	125,000	125,000	0												
2027	125,000	125,000	0												
2028+	325,000	325,000	0												
	830,000	830,000	0												
Historical Approved Budget				Revenues											
		<u>Revenue</u>		221 Service Sustainability Investm											
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>			30,000	75,000	25,000	125,000	0	0	125,000	125,000	325,000	830,000
2018	1,320,000	1,320,000	0												
2019	40,000	40,000	0												
Related Projects				Operating Budget Impact											
Precedes		Project Title		Effective Date		Description				Exp/(Rev)		FTE Impact			
REC-001-14		Museum Expansion		Unknown		No operating budget impact.				0		0			
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2013	January 1, 2018	Growth: 0.0 % Maintenance: 100.0 %		Tom Graziano				Ongoing							



Project Version Summary

Project #	PFO-003-14	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Corporate Facilities Boiler Replacement Program		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description				Version Description													
The average life expectancy of a water boiler is approximately 15 to 20 years, with some failing sooner. Many of our facilities have boilers that are older and require replacement or major repair. New generation boilers offer major increases in annual operating efficiency compared to boilers that are 10 or more years old.				The Building Condition Assessment project and continued collection of asset data will assist the department in inventory and detailing a replacement schedule. An annual budget of \$50,000 in 2022-2025 and \$150,000 in 2026-2028 is being requested to replace aging boilers as they approach the end of their useful life. Specific work identified at this time is as follows: 2026 - Paul Martin Building Boilers Replacement (\$800,000) Enterprise Risk(s): This funding will mitigate against the identified Infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.													
Project Comments/Reference				Version Comments													
7142001																	
Project Forecast				Project Detailed Forecast													
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total		
Year	Total Expense	Net City Cost	Subsidies	Expenses													
2020	0	0	0	5410 Construction Contracts - TCA													
2021	0	0	0			0	0	50,000	50,000	50,000	50,000	950,000	150,000	1,150,000	2,450,000		
2022	50,000	50,000	0	Total		0	0	50,000	50,000	50,000	50,000	950,000	150,000	1,150,000	2,450,000		
2023	50,000	50,000	0	Revenues													
2024	50,000	50,000	0	221 Service Sustainability Investm													
2025	50,000	50,000	0			0	0	50,000	50,000	50,000	50,000	950,000	150,000	1,150,000	2,450,000		
2026	950,000	950,000	0	Total		0	0	50,000	50,000	50,000	50,000	950,000	150,000	1,150,000	2,450,000		
2027	150,000	150,000	0														
2028+	1,150,000	1,150,000	0														
	2,450,000	2,450,000	0														
Historical Approved Budget																	
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total		
Year	Total Expense	Net City Cost	Subsidies	Expenses													
2014	55,500	55,500	0	5410 Construction Contracts - TCA													
2015	50,000	50,000	0	Total													
2019	89,500	89,500	0	Revenues													
				221 Service Sustainability Investm													
				Total													
Related Projects				Operating Budget Impact													
				Effective Date		Description								Exp/(Rev)		FTE Impact	
				Unknown		No operating budget impact.								0		0	
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date									
2014	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		Tom Graziano				Ongoing									



Project Version Summary

Project #	PFO-004-12	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Corporate Facilities Building Condition Assessments		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
With the help of a consultant, each municipal facility shall be assessed and reported upon in terms of the key components of the building envelope and the building systems. Once completed, this assessment will form the framework for the creation of future capital budget requests over the next ten years. This project is critical in developing our asset management planning program.				Building condition assessment work will be ongoing. Funding will accumulate in order to perform the next phase of building condition assessments. This work will include building condition assessments of additional buildings, accessibility audits and re-testing/re-inspecting as required. An annual budget of \$50,000 in 2020, \$150,000 in 2021, \$50,000 in 2022-2023 and \$200,000 in 2026-2028 is requested to cover the cost of building condition assessment work performed. Enterprise Risk(s): This funding will mitigate against the identified Infrastructure enterprise risk. This funding will help identify the infrastructure needs within Facilities so future costs can be projected.											
Project Comments/Reference				Version Comments											
7141021															
Project Forecast				Project Detailed Forecast											
		<u>Revenue</u>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>	
2020	50,000	50,000	0	Expenses											
2021	150,000	150,000	0	5410	Construction Contracts - TCA										
2022	50,000	50,000	0		50,000	150,000	50,000	50,000	0	0	200,000	200,000	500,000	1,200,000	
2023	50,000	50,000	0		<hr/>										
2024	0	0	0		Total	50,000	150,000	50,000	50,000	0	0	200,000	200,000	500,000	1,200,000
2025	0	0	0	Revenues											
2026	200,000	200,000	0	221	Service Sustainability Investm										
2027	200,000	200,000	0		50,000	150,000	50,000	50,000	0	0	200,000	200,000	500,000	1,200,000	
2028+	500,000	500,000	0		<hr/>										
	1,200,000	1,200,000	0		Total	50,000	150,000	50,000	50,000	0	0	200,000	200,000	500,000	1,200,000
Historical Approved Budget															
		<u>Revenue</u>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2014	300,000	0	300,000												
2019	50,000	50,000	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description							Exp/(Rev)	FTE Impact		
				Unknown	The lack of capital funding would result in further deterioration of the equipment and increase the likelihood of expenditures in the operating budget due to repairs.						0	0			
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2012	January 1, 2014	Growth: 0.0 % Maintenance: 100.0 %	Tom Graziano	Ongoing											



Project Version Summary

Project #	PFO-004-14	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Facilities Operations Business Process Improvements		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
The Facility Operations division has drastically changed from its initial roots. Over the years, Facility Operations has worked to identify the key services necessary to ensure corporate facilities are maintained and services are not disrupted. The department's corporate role has grown from a maintenance division to building administrators division which includes oversight of external agreements with third party tenants such as the federal and provincial governments and management of high tech or high maintenance buildings such as WIATC and the Capitol Theatre. As the Facility Operations division evolved over the last decade with a focus on real property management, the need to update business processes and utilize industry best practices has become increasingly crucial.				This Business Process Review project will provide a comprehensive review of the administrative resources, procedures, project management practices and asset management processes for the Facilities department.											
Project Comments/Reference				Version Comments											
7141007															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	50,000	50,000	0	2915 Consulting Services - External											
2021	0	0	0			50,000	0	0	0	0	0	0	0	300,000	350,000
2022	0	0	0												
2023	0	0	0												
2024	0	0	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	300,000	300,000	0												
	350,000	350,000	0	Revenues											
				169 Pay As You Go - Capital Reserve											
						50,000	0	0	0	0	0	0	0	300,000	350,000
						50,000	0	0	0	0	0	0	0	300,000	350,000
Historical Approved Budget				Operating Budget Impact											
		Revenue		Effective Date		Description								Exp/(Rev)	FTE Impact
Year	Total Expense	Net City Cost	Subsidies												
2014	275,000	35,000	240,000	Unknown		Operating budget impacts are noted above in Version Description.								0	0
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2014	January 1, 2020	Growth: 100.0 % Maintenance: 0.0 %		Tom Graziano				Ongoing							



Project Version Summary

Project #	PFO-004-20	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Windsor Lawn Bowling Club Exterior Repairs		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description				Version Description											
Windsor Lawn Bowling Club requires funding to repair the exterior lawn bowling gaming area.				Specific work identified at this time is as follows: 2020 - Repairs to Lawn Bowling Gaming Grounds (\$100,000) 2022 - Repairs to Lawn Bowling Gaming Grounds (\$100,000) 2023 - Repairs to Lawn Bowling Gaming Grounds (\$100,000)											
Project Comments/Reference				Version Comments											
7204000															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	100,000	100,000	0	5410 Construction Contracts - TCA											
2021	0	0	0			100,000	0	100,000	100,000	0	0	0	0	0	300,000
2022	100,000	100,000	0	Total		100,000	0	100,000	100,000	0	0	0	0	0	300,000
2023	100,000	100,000	0	Revenues											
2024	0	0	0	221 Service Sustainability Investm											
2025	0	0	0			100,000	0	100,000	100,000	0	0	0	0	0	300,000
2026	0	0	0	Total		100,000	0	100,000	100,000	0	0	0	0	0	300,000
2027	0	0	0												
2028+	0	0	0												
300,000		300,000													
Historical Approved Budget				Operating Budget Impact											
				Effective Date		Description								Exp/(Rev)	FTE Impact
				Unknown		No operating budget impact.								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2020	January 1, 2020	Growth: 0.0 % Maintenance: 100.0 %		Tom Graziano/Adrian Busa				2020							



Project Version Summary

Project #	PFO-009-11	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Corporate Heating & Cooling Replacement/Repair Program		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

To implement a proactive mechanism to allow heating and cooling system replacement to be planned for within the capital budget.

Version Description

This project will provide preventative maintenance on all city heating and cooling units to prevent system failures and extend their useful life.

An annual allotment is requested to cover material costs for regular and unforeseen maintenance that may arise in the year.

Specific work identified at this time is as follows:

2020 - Willistead HVAC & Cooling System (\$350,000), WFCU Snow Melt Header (\$50,000) and annual allotment (\$100,000)

2021 - CPRC Ice Chillers (\$300,000) and annual allotment (\$100,000)

2022 - Capitol Theatre HVAC Replacement (\$1,200,000), Grease Interceptors (\$60,000), BAS Upgrades (\$50,000), and annual allotment (\$25,000)

2023 - Adie Knox Pool Dectron, Cooling Tower and Heat Exchanger (\$1,000,000), Gino Marcus Roof Top Units (\$175,000)

and annual allotment (\$175,000)

2025 - Funding to be prioritized based on Building Condition Assessments and other identified needs (\$400,000) and annual allotment (\$100,000)

2026 - Funding to be prioritized based on Building Condition Assessments and other identified needs (\$1,000,000), WFCU Rooftop Unit Compressors

(\$30,000) and annual allotment (\$100,000)

2027 - Funding to be prioritized based on Building Condition Assessments and other identified needs (\$500,000) and annual allotment (\$100,000)

Enterprise Risk(s): This funding will mitigate against the identified Infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.

Project Comments/Reference

7121006 (Closed) / 7142000

Version Comments

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	500,000	500,000	0	5410	Construction Contracts - TCA									
2021	400,000	400,000	0		500,000	400,000	1,335,000	1,350,000	100,000	500,000	1,130,000	600,000	3,430,000	9,345,000
2022	1,335,000	1,335,000	0		Total									
2023	1,350,000	1,350,000	0		500,000	400,000	1,335,000	1,350,000	100,000	500,000	1,130,000	600,000	3,430,000	9,345,000
2024	100,000	100,000	0	Revenues										
2025	500,000	500,000	0	221	Service Sustainability Investm									
2026	1,130,000	1,130,000	0		500,000	400,000	1,335,000	1,350,000	100,000	500,000	1,130,000	600,000	3,430,000	9,345,000
2027	600,000	600,000	0		Total									
2028+	3,430,000	3,430,000	0		500,000	400,000	1,335,000	1,350,000	100,000	500,000	1,130,000	600,000	3,430,000	9,345,000
	9,345,000	9,345,000	0											
Historical Approved Budget														
Year	Total Expense	Net City Cost	Subsidies											
2012	75,000	75,000	0											
2014	100,000	100,000	0											
2015	100,000	100,000	0											
2016	205,000	205,000	0											
2017	190,000	190,000	0											
2018	450,000	450,000	0											
2019	500,000	500,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	The lack of capital funding would result in further deterioration of the equipment and increase the likelihood of expenditures in the operating budget due to repairs.							0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2011	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Tom Graziano	Ongoing										



Project Version Summary

Project #	PFO-010-11	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Corporate Facilities Flooring and Finishes Replacement Program		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
To replace and upgrade flooring, ceiling and wall finishes corporate wide in an effort to improve resistance to damage and reduce the cost of maintaining high traffic areas.				Funding is required to replace damaged and aged carpets and floor finishes that are beyond their life expectancy at various municipally owned facilities. Specific work currently identified will help prevent possible trip hazards by replacing and repairing deteriorated flooring. An annual budget of \$100,000 from 2021-2023, 2026-2027 and \$50,000 from 2024-2025 is requested to cover maintenance flooring costs prioritized based on Building Condition Assessments and other identified needs Enterprise Risk(s): This funding will mitigate against the identified Infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.											
Project Comments/Reference				Version Comments											
7155001/7159011															
Project Forecast				Project Detailed Forecast											
		<u>Revenue</u>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>	
2020	0	0	0	Expenses											
2021	100,000	100,000	0	5410	Construction Contracts - TCA										
2022	100,000	100,000	0		0	100,000	100,000	100,000	50,000	50,000	100,000	100,000	1,100,000	1,700,000	
2023	100,000	100,000	0		Total	0	100,000	100,000	100,000	50,000	50,000	100,000	100,000	1,700,000	
2024	50,000	50,000	0	Revenues											
2025	50,000	50,000	0	221	Service Sustainability Investm										
2026	100,000	100,000	0		0	100,000	100,000	100,000	50,000	50,000	100,000	100,000	1,100,000	1,700,000	
2027	100,000	100,000	0		Total	0	100,000	100,000	100,000	50,000	50,000	100,000	100,000	1,700,000	
2028+	1,100,000	1,100,000	0												
	1,700,000	1,700,000	0												
Historical Approved Budget															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2015	100,000	100,000	0												
2016	100,000	100,000	0												
2017	100,000	100,000	0												
2018	100,000	100,000	0												
2019	260,000	260,000	0												
Related Projects				Operating Budget Impact											
				<u>Effective Date</u>	<u>Description</u>									<u>Exp/(Rev)</u>	<u>FTE Impact</u>
				Unknown	No operating budget impact.								0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											

2011	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Tom Graziano	Ongoing
------	-----------------	----------------------------------	--------------	---------



Project Version Summary

Project #	PFO-014-07	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Corporate Facilities Health & Safety Compliance		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This is an ongoing program to address the deficiencies outlined in the corporate health and safety audit. Pending initiatives are brought forward as issues arise.

Facilities Operations finds itself called upon to resolve Health & Safety matters across the Corporation, with a limited corresponding source of funding. As identified in the recent OMBI performance indicators, Facilities Operations is responsible for providing service to over one million square feet of space among various City owned facilities. This includes ensuring that Health & Safety orders/complaints are followed up in a timely manner. Currently, many orders cannot be absorbed in the various operating budgets. Expectations are that, due to aging municipal facilities, an aging work force and the recent hiring of additional Ministry of Labour work force with respect to enforcing Bill C45, the demand for Health & Safety related replacements will steadily increase.

Project Comments/Reference

7086007

Version Description

Issues that will require attention as a result of various Provincial Ministry and Municipal orders include but are not limited to the following:

- mould remediation
- work environment illumination levels as set forth by the Ministry of Labour
- washroom rehabilitation
- sidewalk/pathway trip hazards
- flooring trip hazards & other structural hazards
- air quality & noise replacements
- arc flash & shock protection assessments
- electrical safety authority orders to comply
- fire prevention officer orders to comply

Outstanding orders from both the ESA and our own Health & Safety team are currently being compiled. It should be noted that this represents a running total that is fluid and changes over time. A backlog of work orders is anticipated based on Bill C-45, although dealt with as far as funding will allow. It can be effectively demonstrated that more funds will be required in future years.

Version Comments

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	100,000	100,000	0		0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000	
2022	100,000	100,000	0												
2023	100,000	100,000	0												
2024	100,000	100,000	0												
2025	100,000	100,000	0												
2026	100,000	100,000	0												
2027	100,000	100,000	0												
2028+	100,000	100,000	0												
	800,000	800,000	0												
Historical Approved Budget				Revenues											
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
2007	75,000	75,000	0	169	Pay As You Go - Capital Reserve										
2008	150,000	150,000	0		0	0	0	0	0	0	0	0	0	0	
2009	150,000	150,000	0												
2010	150,000	150,000	0												
2011	150,000	150,000	0												
2012	150,000	150,000	0												
2013	160,000	160,000	0												
2014	150,000	150,000	0												
2015	185,000	185,000	0												
2017	150,000	150,000	0												
2018	150,000	150,000	0												
2019	90,000	90,000	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description									Exp/(Rev)	FTE Impact
				Unknown	No operating budget impact.									0	0
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2007	January 1, 2007	Growth: 0.0 % Maintenance: 0.0 %	Tom Graziano	Ongoing											



Project Version Summary

Project #	REC-004-08	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	The WFCU Centre Capital Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 6		
Version Name	Main (Active)		

Project Description
 The WFCU Centre constructed in 2007/2008 will require ongoing capital maintenance and minor operational adjustments for the new fully operational state-of-the-art facility. Operation over the last four years has brought certain elements to management that needs to be addressed such as the zamboni floor drains that are too small and cannot keep up with the flow of water and therefore causing a health and safety issue. Storage areas need to be addressed due to the limitation of storage areas within the facility. A storage shed is required to store equipment, staging and chairs. These items are currently being stored in the back house which is crowded and causing a health and safety issue.

Version Description
 The WFCU is highly used by the City and other tenants such as Ovations, Seniors Group, Windsor Spitfires, Windsor Express and Global Spectrum.

Project Comments/Reference
 See document attached for complete listing.
 7064900 / 7141006 (Closed) / 7161046 / 7161055

Version Comments
 Project 7161055 - Funding to complete the replacements at the WFCU Centre in the amount of \$990,000 to host the 2017 MasterCard Memorial Cup consisted of various items.

 Council approved a pre-commitment of \$698,441 from the 2017 5 Year Capital Plan to fund the WFCU Centre replacements. In addition, Council approved the remaining amount of \$291,559 to be funded from the Unallocated Enhanced Capital Budget Contingency Placeholder. Refer to C171/2016, CR 605/2016 on October 3, 2016.

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	480,000	480,000	0
2021	978,441	978,441	0
2022	0	0	0
2023	650,000	650,000	0
2024	0	0	0
2025	200,000	200,000	0
2026	540,000	540,000	0
2027	790,000	790,000	0
2028+	2,285,000	2,285,000	0
	5,923,441	5,923,441	0

Project Detailed Forecast										
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses										
5410 Construction Contracts - TCA										
	480,000	978,441	0	650,000	0	200,000	540,000	790,000	2,285,000	5,923,441
Total	480,000	978,441	0	650,000	0	200,000	540,000	790,000	2,285,000	5,923,441
Revenues										
221 Service Sustainability Investm										
	480,000	978,441	0	650,000	0	200,000	540,000	790,000	2,285,000	5,923,441
Total	480,000	978,441	0	650,000	0	200,000	540,000	790,000	2,285,000	5,923,441

Historical Approved Budget		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2014	26,000	26,000	0
2016	340,000	340,000	0
2017	430,000	430,000	0
2019	200,000	200,000	0

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
2008	January 2, 2017	Growth: 0.0 % Maintenance: 100.0 %	Tom Graziano	Ongoing	
			Effective Date	Description	Exp/(Rev) FTE Impact
			Unknown	The lack of capital funding would result in further deterioration of the asset and increase the likelihood of expenditures in the operating budget due to repairs.	0 0

**Project Attachment
For 2020**

Project No. REC-004-08
Project Name: WFCU

2020	
Structural Assessments	30,000
Rooftop Duct Insulation	450,000
Total	480,000

2021	
Replacement of Four Sliding Entrance Doors	60,000
Building Upgrades	220,000
Memorial Cup Upgrades in 2017	698,441
Total	978,441

2022	
Total	-

2023	
Structural Assessments	30,000
Mechanical/Areana Upgrades	170,000
Rooftop Duct Insolation	450,000
Total	650,000

2024	
Total	-

2025	
Mechanical/Areana Upgrades	200,000
Total	200,000

2026	
Structural Assessments	40,000
Mechanical/Areana Upgrades	500,000
Motorized Retractable Stands	-
Hand Dryers/Blowers in the Restrooms	-
Cleaning Equipment	-
Walk Through Metal Detectors and Wands (10 of each)	-
Total	540,000

2027	
Mechanical/Arena Upgrades	500,000
Community Room Kitchen Refurbishment	175,000
Community Programming Equipment	-
Rubber Flooring Replacement	100,000
Bowl Score Clock	15,000
Collavino Hall Upgrades	-
Rink Cameras	-
Total	790,000

2028+	
Total	-



Project Version Summary

Project #	REC-005-07	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Corporate Arena Refurbishments		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1, Ward 3, Ward 7		
Version Name	Main (Active)		

<p>Project Description</p> <p>Ongoing upgrades/refurbishments to municipal arenas in order to ensure that they remain functional and do not pose a hazard to users and address the needs of user groups. Due to changing user demographics (i.e. more females playing hockey), a shortage of dressing rooms is one of the areas that must be addressed. We should now be offering 6 dressing rooms per single pad and 12 per double pad. There is also a concern that additional capital repairs are required for the aging arena facilities (Forest Glade Arena, Adie Knox Arena, Capri Pizzeria Recreation Complex Arenas) and outdoor rinks (Charles Clark Square Rink, Lanspeary Rink). Compressors/chillers are very expensive equipment that require ongoing maintenance programs and major overhauls every few years.</p>	<p>Version Description</p> <p>On a (3) three year cycle, the City of Windsor arena facilities require a comprehensive structural inspection report, in accordance with Section 54 (1) (m) of the Occupational Health and Safety Act, Revised Statutes of Ontario, 1990 and the guidelines for "Structural Adequacy of Arenas" of the Association of Professional Engineers of Ontario, published latest edition, as required under the Ontario Ministry of Labour. \$30,000 is required to adhere with Ministry of Labour standards to maintain our compliance within these standards.</p> <p>To complete the extensive capital improvements to our arenas' dressing rooms, showers, restrooms, complete structural assessment work, maintenance programs for all of the plant equipment including refrigeration equipment, compressors, etc., the requested annual funding is outlined for each year in the attached document.</p>
<p>Project Comments/Reference</p> <p>See document attached for complete listing. 7069036</p>	<p>Version Comments</p>

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	280,000	280,000	0	5410	Construction Contracts - TCA									
2021	250,000	250,000	0		280,000	250,000	375,000	200,000	1,000,000	200,000	780,000	1,310,000	2,940,000	7,335,000
2022	375,000	375,000	0		Total									
2023	200,000	200,000	0		280,000	250,000	375,000	200,000	1,000,000	200,000	780,000	1,310,000	2,940,000	7,335,000
2024	1,000,000	1,000,000	0	Revenues										
2025	200,000	200,000	0	169	Pay As You Go - Capital Reserve									
2026	780,000	780,000	0		0	0	0	0	0	0	310,000	2,940,000	3,250,000	
2027	1,310,000	1,310,000	0	221	Service Sustainability Investm									
2028+	2,940,000	2,940,000	0		280,000	250,000	375,000	200,000	1,000,000	200,000	780,000	1,000,000	0	4,085,000
	7,335,000	7,335,000	0		Total									
					280,000	250,000	375,000	200,000	1,000,000	200,000	780,000	1,310,000	2,940,000	7,335,000
Historical Approved Budget														
		Revenue												
Year	Total Expense	Net City Cost	Subsidies											
2009	200,000	200,000	0											
2010	400,000	400,000	0											
2011	150,000	150,000	0											
2012	20,000	20,000	0											
2013	20,000	20,000	0											
2014	40,000	40,000	0											
2015	250,000	250,000	0											
2016	250,000	250,000	0											
2017	280,000	280,000	0											
2018	635,000	635,000	0											
2019	250,000	250,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	No operating budget impact.							0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Ray Mensour	Ongoing										

Project Attachment
For 2020

Project No. REC-005-07
Project Name: Municipal Arenas Refurbishments

2020	
Structural Assessments	30,000
Mechanical/Arena Upgrade	250,000
Total	280,000
2021	
Mechanical/Arena Upgrade	250,000
Total	250,000
2022	
Mechanical/Arena Upgrade	375,000
Total	375,000
2023	
Structural Assessments	30,000
Mechanical/Arena Upgrade	170,000
Total	200,000
2024	
Mechanical/Arena Upgrade	1,000,000
Total	1,000,000
2025	
Mechanical/Arena Upgrade	200,000
Total	200,000
2026	
Structural Assessments	30,000
Mechanical/Arena Upgrade	550,000
CPRC Dressing Room Repairs (Insulation)	200,000
Total	780,000
2027	
Mechanical/Arena Upgrade	600,000
Rubber Flooring	300,000
CPRC Lobby South End Entrance	150,000
CPRC Sliding Rink Door	60,000
CPRC Score Clock Replacement	50,000
CPRC Hand Dryers	25,000
CPRC Rink Cameras	25,000
Forest Glade Arena Score Clock Replacement	50,000
Forest Glade Arena Hand Dryers	25,000
Forest Glade Arena Rink Cameras	25,000
Total	1,310,000
2028+	
Forest Glade Arena Dressing Room Expansion	450,000
Adele Knox Arena Dehumidification	1,000,000
Total	1,450,000



Project Version Summary

Project #	REC-006-07	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities
Title	Mackenzie Hall Repair and Maintenance		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 2		
Version Name	Main (Active)		

Project Description
 A 2003 Condition Assessment & Strategy for Repair & Maintenance of Heritage Properties report by architect George Robb & author Peter Stewart identified a problem with the windows at Mackenzie Hall. The report stated that past maintenance efforts at the Hall, such as repair/repainting of wood window sills, were not completely successful because of ill-fitting storm windows and/or uncontrolled high interior humidity. A call for proposals for a study of the humidity/window issue in 2004 revealed that the major problem was the existing single pane replica windows installed in the 1980s.

There has since been additional assessments performed on this building with regards to the roof replacement and other restorative recommendations.

Version Description
 Mackenzie Hall requires an annual allotment for various repairs, maintenance and restorations to address unexpected needs and to perform proper maintenance as needed: 2022 - \$50,000, 2023 - \$50,000, 2026 - \$50,000, 2027 - \$150,000 and 2028 - \$100,000.

Specific work identified at this time is as follows:
 2023 - Second Floor Washroom Refurbishment (\$200,000)
 2026 - Sign Refurbishment (\$75,000) and Exterior Painting (\$50,000), and building maintenance and repairs based on identified needs (\$200,000)
 2027 - Phase II Masonry Restoration (\$2,000,000)

Enterprise Risk(s): This funding will mitigate against the identified infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.

Project Comments/Reference
 7073051

Version Comments

Project Forecast		Revenue	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2020	0	0	0
2021	0	0	0
2022	50,000	50,000	0
2023	250,000	250,000	0
2024	0	0	0
2025	0	0	0
2026	375,000	375,000	0
2027	2,150,000	2,150,000	0
2028+	2,625,000	2,625,000	0
	5,450,000	5,450,000	0

Project Detailed Forecast		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
GL Account											
Expenses											
5410	Construction Contracts - TCA	0	0	50,000	250,000	0	0	375,000	2,150,000	2,625,000	5,450,000
	Total	0	0	50,000	250,000	0	0	375,000	2,150,000	2,625,000	5,450,000
Revenues											
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	1,000,000	2,625,000	3,625,000
221	Service Sustainability Investm	0	0	50,000	250,000	0	0	375,000	1,150,000	0	1,825,000
	Total	0	0	50,000	250,000	0	0	375,000	2,150,000	2,625,000	5,450,000

Historical Approved Budget		Revenue	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2007	24,000	24,000	0
2008	74,000	74,000	0
2009	123,000	123,000	0
2010	200,000	200,000	0
2011	237,000	237,000	0
2014	137,000	137,000	0
2015	77,500	77,500	0
2016	1,490,000	1,490,000	0

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
2007	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Derek Thachuk	Ongoing	
			Effective Date	Description	Exp/(Rev) FTE Impact
			Unknown	The lack of capital funding would result in further deterioration of the asset and increase the likelihood of expenditures in the operating budget due to repairs.	0 0



Project Version Summary

Project #	ECB-004-18	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Wigle Park Capital Improvements		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description				Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				2023- Installation of a perimeter walking path and lighting \$175,000 2025- Parking lot renovations \$145,000											
Project Comments/Reference				Version Comments											
7186000				PRE-COMMITMENT: As per CR4/2019, Report C 217/2018, Council approved a pre-commitment of \$175,000 in 2023.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	0	0	0		0	0	0	175,000	0	145,000	0	0	0	320,000	
2022	0	0	0		0	0	0	175,000	0	145,000	0	0	0	320,000	
2023	175,000	175,000	0		0	0	0	175,000	0	145,000	0	0	0	320,000	
2024	0	0	0		0	0	0	175,000	0	145,000	0	0	0	320,000	
2025	145,000	145,000	0		0	0	0	175,000	0	145,000	0	0	0	320,000	
2026	0	0	0		0	0	0	175,000	0	145,000	0	0	0	320,000	
2027	0	0	0		0	0	0	175,000	0	145,000	0	0	0	320,000	
2028+	0	0	0		0	0	0	175,000	0	145,000	0	0	0	320,000	
	320,000	320,000	0												
Historical Approved Budget				Operating Budget Impact											
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2019	150,000	150,000	0												
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date							
2018	March 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Darron Ahlstedt					TBD							



Project Version Summary

Project #	ECB-011-18	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Stodgell Park Redevelopment		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 4		
Version Name	Main (Active)		

Project Description				Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				Installation of an asphalt multi-use trail around the perimeter of the park, accessible parking lot and tree planting. All works will be completed in accordance with the approved Master Plan.											
Project Comments/Reference				Version Comments											
7182019				As per CR123/2018, Report # C 20/2018, this project was approved as a placeholder subject to a detailed report to formally approve works to commence within a five-year timeline. PRE-COMMITMENT: As per CR4/2019, Report C 217/2018, Council approved a pre-commitment of \$460,000 in 2023.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	0	0	0			0	0	0	460,000	0	0	0	0	0	460,000
2022	0	0	0	Total		0	0	0	460,000	0	0	0	0	0	460,000
2023	460,000	460,000	0	Revenues											
2024	0	0	0	169 Pay As You Go - Capital Reserve											
2025	0	0	0			0	0	0	460,000	0	0	0	0	0	460,000
2026	0	0	0	Total		0	0	0	460,000	0	0	0	0	0	460,000
2027	0	0	0												
2028+	0	0	0												
	460,000	460,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Mike Clement/ Trevor Duquette					2023						



Project Version Summary

Project #	ECB-026-18	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Elizabeth Kishkon Park - Install Washroom		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 7		
Version Name	Main (Active)		

Project Description				Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				Installation of a washroom facility at the east entrance to the park adjacent to the existing playground and parking lot. The first opportunity to fund and tender this work is in the Spring of 2019.											
Project Comments/Reference				Version Comments											
7185003				As per CR123/2018, Report # C 20/2018, this project was approved as a placeholder subject to a detailed report to formally approve works to commence within a five-year timeline. PRE-COMMITMENT: CR507/2018, Report # S 138/2018 approved by Council on September 17th, 2018 pre-commits \$400,000 in 2023.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	0	0	0			0	0	0	400,000	0	0	0	0	0	400,000
2022	0	0	0	Total		0	0	0	400,000	0	0	0	0	0	400,000
2023	400,000	400,000	0	Revenues											
2024	0	0	0	169 Pay As You Go - Capital Reserve											
2025	0	0	0			0	0	0	400,000	0	0	0	0	0	400,000
2026	0	0	0	Total		0	0	0	400,000	0	0	0	0	0	400,000
2027	0	0	0												
2028+	0	0	0												
	400,000	400,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Mike Clement					TBD						



Project Version Summary

Project #	ECB-028-18	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Improvements to Peche Island and Boat Access		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 7		
Version Name	Main (Active)		

Project Description
 Funding for this project includes the purchase of pontoon boat, restorations to trails, washroom improvements, restoration of bridges and docks along with shoreline preservation.

 On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.

Version Description
 Allocated funds will be used for dock improvements, signage, trail and pedestrian bridge renovations, shore protection, accessible park amenities and a boat to transport the public to and from the island.

 Of the increase of one time FGT in 2019 \$750,000 of it will be used for improvements to Peche Island Bridge and \$2.5M for the preservation of Peche Island shoreline.

Project Comments/Reference
 7183012, 7193002, 7193003

Version Comments
 PRE-COMMITMENT:
 CR123/2018, Report # C 20/2018 approved a pre-commitment of \$500,000 in 2019 and \$500,000 in 2020. As per B30/2019, council report C 53/2019, commitment in 2020 in the amount of \$432,000 is rescinded based on additional FGT in 2019. Therefore, the remaining commitment is \$68,000 in 2020.

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	68,000	68,000	0
2021	0	0	0
2022	0	0	0
2023	0	0	0
2024	0	0	0
2025	0	0	0
2026	0	0	0
2027	0	0	0
2028+	0	0	0
	68,000	68,000	0

Project Detailed Forecast											
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Expenses											
5410	Construction Contracts - TCA										
	68,000	0	0	0	0	0	0	0	0	0	68,000
Total	68,000	0	0	0	0	0	0	0	0	0	68,000
Revenues											
169	Pay As You Go - Capital Reserve										
	51,000	0	0	0	0	0	0	0	0	0	51,000
221	Service Sustainability Investm										
	17,000	0	0	0	0	0	0	0	0	0	17,000
Total	68,000	0	0	0	0	0	0	0	0	0	68,000

Historical Approved Budget		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2019	3,750,000	3,750,000	0

Related Projects

Operating Budget Impact

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2018	March 1, 2018	Growth: 75.0 % Maintenance: 25.0 %	Jan Wilson	TBD



Project Version Summary

Project #	ECB-029-18	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Wayfinding Signage and Markers - Ganatchio Trail/Little River		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 6, Ward 7		
Version Name	Main (Active)		

Project Description			Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.			Installation of wayfinding signage and markers along the Little River Corridor extension of the Ganatchio Trail to improve orientation for users and emergency services.											
Project Comments/Reference			Version Comments											
7181047			As per CR123/2018, Report # C 20/2018, this project was approved as a placeholder subject to a detailed report to formally approve works to commence within a five-year timeline. PRE-COMMITMENT: As per CR4/2019, Report C 217/2018, Council approved a pre-commitment of \$100,000 in 2023.											
Project Forecast			Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5410	Construction Contracts - TCA									
2021	0	0	0		0	0	0	100,000	0	0	0	0	0	100,000
2022	0	0	0		0	0	0	100,000	0	0	0	0	0	100,000
2023	100,000	100,000	0		0	0	0	100,000	0	0	0	0	0	100,000
2024	0	0	0	Revenues										
2025	0	0	0	169	Pay As You Go - Capital Reserve									
2026	0	0	0		0	0	0	100,000	0	0	0	0	0	100,000
2027	0	0	0		0	0	0	100,000	0	0	0	0	0	100,000
2028+	0	0	0		0	0	0	100,000	0	0	0	0	0	100,000
	100,000	100,000	0											
Historical Approved Budget			Operating Budget Impact											
Related Projects														
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date						
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Mike Clement/ Trevor Duquette					2023						



Project Version Summary

Project #	ECB-041-18	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Off-Road Cycling Trails		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards			
Version Name	Main (Active)		

Project Description				Version Description											
In response to the public interest for off-road cycling courses, Council directed Administration to develop plans for constructing two types of cycling tracks at both Malden Park and Little River Corridor Park. This project includes the design and installation of off-road cycling trails along with required signage.				This project involves the creation of off-road bicycle facilities in consultation with the community and with stakeholders. 2021- Engineered Pump Track and beginner trail at Malden Park \$200,000 2023- Malden Park and Little River Corridor Park single trails/ Pump Track at Little River Corridor Park \$500,000 2028+ Malden Park engineered pump track and beginner skills area \$200,000											
Project Comments/Reference				Version Comments											
7182020				As per CR123/2018, Report # C 20/2018, this project was approved as a placeholder subject to a detailed report to formally approve works to commence within a five-year timeline. PRE-COMMITMENT: As per CR4/2019, Report C 217/2018, Council approved a pre-commitment of \$500,000 in 2023. With CR306/2019 report C 109/2019 approved Priority #1 All Malden Park Trails and Priority #2 Little River Park with a total cost to complete Priority 1 and Priority 2 approximately \$496,723											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	200,000	200,000	0		0	200,000	0	500,000	0	0	0	0	0	200,000	900,000
2022	0	0	0		<hr/>										
2023	500,000	500,000	0	Total	0	200,000	0	500,000	0	0	0	0	0	200,000	900,000
2024	0	0	0	Revenues											
2025	0	0	0	169	Pay As You Go - Capital Reserve										
2026	0	0	0		0	200,000	0	500,000	0	0	0	0	0	200,000	900,000
2027	0	0	0		<hr/>										
2028+	200,000	200,000	0	Total	0	200,000	0	500,000	0	0	0	0	0	200,000	900,000
	900,000	900,000	0												
Historical Approved Budget				Operating Budget Impact											
				Effective Date	Description									Exp/(Rev)	FTE Impact
				2020-01-01	Additional operating maintenance costs are forecasted for new amenity added to the parkland infrastructure. Service levels for these new off-road trails will be evaluated during the first year of operations to determine if additional budget funding will be required for Parks Operations on an annual basis.								0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Mike Clement/ Trevor Duquette	TBD											



Project Version Summary

Project #	ENG-002-14	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Festival Plaza Retaining Wall - Design & Construction & Facility Requirements		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards			
Version Name	Main (Active)		

Project Description				Version Description																			
This project is the continuation of the block retaining wall along the south limits of the new Festival Plaza between Riverside Drive and the Festival Plaza. The current conditions were put in place as a temporary measure due to the poor soil conditions in this area. The temporary design included placing fill material and a means to measure settlement of the fill. The majority of settlement was complete at the end of 2014. Due to funding pressures, it is recommended that this work be scheduled in 2019.				2019: Design and construction of the block retaining wall - \$675,000 2020: Construction of block retaining wall (Phase 2)- \$675,000 2022 - Permanent Electrical Panels - \$50,000 Typically, more than one point of electrical access is needed to support the events in the Plaza. This is achieved through the use of portable power carts which have to be manually set up/removed when needed. Installing permanent power access points will reduce risk as well as reduce the setup/removal costs. It will eliminate the need for temporary safety measures each time the portable power cart is set up.																			
Project Comments/Reference				Version Comments																			
7182021 Festival Plaza is used extensively as an anchor for many festivals and events to provide open air entertainment. The facility, and equipment within, need to support the requirements of the users.				PRE-COMMITMENT: CR430/2018, Report # C 130/2018 approved a pre-commitment of \$675,000 in 2019 and \$675,000 in 2020.																			
Project Forecast				Project Detailed Forecast																			
		Revenue																					
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total									
2020	675,000	675,000	0	Expenses																			
2021	0	0	0	5410	Construction Contracts - TCA																		
2022	50,000	50,000	0		675,000	0	50,000	0	0	0	0	0	0	725,000									
2023	0	0	0		Total	675,000	0	50,000	0	0	0	0	0	725,000									
2024	0	0	0	Revenues																			
2025	0	0	0	169	Pay As You Go - Capital Reserve																		
2026	0	0	0		506,250	0	37,500	0	0	0	0	0	0	543,750									
2027	0	0	0	221	Service Sustainability Investm																		
2028+	0	0	0		168,750	0	12,500	0	0	0	0	0	0	181,250									
	725,000	725,000	0		Total	675,000	0	50,000	0	0	0	0	0	725,000									
Historical Approved Budget																							
		Revenue																					
Year	Total Expense	Net City Cost	Subsidies																				
2019	675,000	675,000	0																				
Related Projects				Operating Budget Impact																			
				<table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No operating budget impact.</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>												Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	No operating budget impact.	0	0
Effective Date	Description	Exp/(Rev)	FTE Impact																				
Unknown	No operating budget impact.	0	0																				
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date																			
2014	January 1, 2019	Growth: 75.0 % Maintenance: 25.0 %	Mike Clement / Tom Graziano	2019																			



Project Version Summary

Project #	PFO-001-14	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Central Riverfront Park Improvements		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 2, Ward 3, Ward 4		
Version Name	Main (Active)		

Project Description	Version Description
The priorities of this project will be determined by the public consultation and review of the Central Riverfront Implementation Plan 2000 (CRIP). Much of the initial works in this project involve the installation of infrastructure for continued development of the riverfront. Safety items, accommodation of public access and activities for families continue to be a priority. The project will include infrastructure servicing, hard surface paving, an entrance court, landscaping, site furniture, lighting, fencing, seating, access stairs and ramps.	2020: Recreationway lights & way-finding signage - \$500,000; Lighting, Benches and Garbage Receptacles- \$185,114 2023 to 2024: Segment 7 - Family Recreation - Glengarry to Parent \$2,000,000 2028+: On-going improvements in line with the CRIP \$6,112,650

Project Comments/Reference	Version Comments
7161075 - Dieppe Park Walkway Restoration 7191003 - Celestial Beacon Design - Streetcar #351 Restoration 7152005 - Festival Plaza 7171033 - Lakeview Park Marina Upgrades	PRE-COMMITMENTS: 2020 & 2021: (\$685,114) \$500,000 in 2020 and \$185,114 in 2021 for lighting, benches and garbage receptacles in Dieppe Park along the Riverfront walkway per CR773/2017, Report S 204/2017. *Note: \$185,114 in 2021 deemed accessible in 2020 per 2020 Capital Budget. CR276/2019, Report C 98/2019 approved commitment of \$2,264,886 in 2021 from F169 and \$310,114 in 2022 from F169 for replacement of the docks at Lakeview Park Marina - moved to REC-002-07 (Lakeview Park Marina Rehab).

Project Forecast	Revenue														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
2020	685,114	685,114	0	5410 Construction Contracts - TCA											
2021	0	0	0		685,114	0	0	954,000	1,046,000	0	0	0	6,112,650	8,797,764	
2022	0	0	0												
2023	954,000	954,000	0												
2024	1,046,000	1,046,000	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	6,112,650	6,112,650	0												
	8,797,764	8,797,764	0												
Project Detailed Forecast				Expenses											
				Revenues											
				126	Dev Chg - Park Development									0	685,114
				169	Pay As You Go - Capital Reserve										
				Total	685,114	0	0	954,000	1,046,000	0	0	0	6,112,650	8,112,650	
				Total	685,114	0	0	954,000	1,046,000	0	0	0	6,112,650	8,797,764	

Historical Approved Budget	Revenue			
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	
2019	5,000,000	5,000,000	0	

Related Projects	Operating Budget Impact
	Effective Date Description Exp/(Rev) FTE Impact
	Unknown By adding amenities and infrastructure in accordance with the Central Riverfront Implementation Plan (C.R.I.P.) the Operating Budget faces impact. Where additional landscaping and floral displays are prominent the workload and budget pressures are significant. Amenities such as lighting, site furniture, seating and signage add to the maintenance costs of the Operating Department. 0 0

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2014	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %	Mike Clement	2020+



Project Version Summary

Project #	PFO-001-16	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	New Greenhouse Complex Construction and Refurbishments		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 2		
Version Name	Main (Active)		

Project Description
 The existing Lanspeary Park greenhouse complex consists of 7 heated greenhouses housing over 60,000 specialty type plant material. The greenhouses range in age from 10 to 90 yrs. and are at the end of their life cycle. Following the completion of a study by Glos Associates titled "Proposed Relocation/Construction of Lanspeary Park Greenhouse Feasibility Study" dated Sept. 10/18, Council approved the construction of a new greenhouse complex at Jackson Park and referred the funding requirements to the Capital Budget process.

Version Description
 This project will include the design/build construction of a greenhouse which would be built to current safety and high energy efficient standards. The new complex is anticipated to offer operational savings to the corporation related to hydro, gas and water resulting from the installation of high efficiency systems and processes. The project includes an expansion space for in house production of annuals which are currently outsourced for use in hanging baskets and planters. The greenhouse operation will become increasingly more important to the City Beautification program as the commercial greenhouse industry is trending from flowers to vegetable and medical crop production.

Project Comments/Reference
 CR550/2018, Council Report 165/2018 recommends the construction of a new greenhouse at Jackson Park for \$6,573,500.

 7183015

Version Comments
 The current business case yields the completion of the project in stages with the procurement and design portion being completed, followed by construction of the new greenhouse complex and finally demolition of the existing facilities once the new greenhouses are in operation.
 PRE-COMMITMENT:
 As per B34/2018, report S 209/2017, Council approved a pre-commitment of \$150,000 for consulting services in 2020 to prepare a cost analysis for the repair and rehabilitation of the existing Greenhouse Complex at Lanspeary Park and to also provide costs required to replace and relocate the Greenhouse Complex to Jackson Park. Further, as per Report # C 165/2018, Council approved on Oct. 1/18, Option #2, construction of a new greenhouse complex at Jackson Park to proceed with an estimated budget cost of approx. \$6.6m.
 As per CR39/2019, Report # C 8/2019, Council approved a pre-commitment of \$600,000 in 2021.

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	150,000	150,000	0
2021	2,704,500	2,704,500	0
2022	1,853,500	1,853,500	0
2023	0	0	0
2024	2,049,460	2,049,460	0
2025	0	0	0
2026	0	0	0
2027	0	0	0
2028+	0	0	0
	6,757,460	6,757,460	0

Project Detailed Forecast											
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Expenses											
5410	Construction Contracts - TCA										
	150,000	2,704,500	1,853,500	0	2,049,460	0	0	0	0	6,757,460	
Total	150,000	2,704,500	1,853,500	0	2,049,460	0	0	0	0	6,757,460	
Revenues											
160	Capital Expenditure Reserve										
	0	0	0	0	375,000	0	0	0	0	375,000	
169	Pay As You Go - Capital Reserve										
	75,000	1,352,250	926,750	0	649,730	0	0	0	0	3,003,730	
221	Service Sustainability Investm										
	75,000	1,352,250	926,750	0	1,024,730	0	0	0	0	3,378,730	
Total	150,000	2,704,500	1,853,500	0	2,049,460	0	0	0	0	6,757,460	

Historical Approved Budget

Related Projects

Operating Budget Impact			
Effective Date	Description	Exp/(Rev)	FTE Impact
Unknown	The current 75 year old structure is a result of add-ons and extensions with what is now 7 areas connected by hallways and doorways. Each of the 7 areas has its own heat source. The new Greenhouse is expected to provide savings to the Corporation in the way of heating and lighting. The current structure is made of wood and glass which often requires unexpected maintenance costs that are not included within the current operating budget.	0	0
Unknown	Estimated costs to perform minimal repairs to address future health and safety issue and perform major repair activities.	0	0

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2016	December 4, 2021	Growth: 50.0 % Maintenance: 50.0 %	Joe Datillo/ Wanda Letourneau	2025



Project Version Summary

Project #	PFO-002-15	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Playgrounds Replacement Program		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description																																																																																																																																																																																				
This project will capture the costs of the playground replacement program as a result of the independent audit, compliance with CSA guidelines and AODA standards.				There is a listing included with Council report 142/2017 highlighting the prioritization of playgrounds which will be replaced based upon condition and inspections reports. The report also identifies an annual funding requirement for playground replacements over the next 20 years of \$1.5 to \$2M.																																																																																																																																																																																				
Project Comments/Reference				Version Comments																																																																																																																																																																																				
7145009/7171090				<p>As per CR89/2014, Report #17088, Council formerly approved the Accessible Playgrounds project. Council Report #18001, dated Dec. 21, 2015 outlined the annual budget requirements to sustain a successful Accessible Playground replacement program. Council committed to 125 Accessible Playground units city-wide.</p> <p>PRE-COMMITMENT: As per CR539/2017, Report C 142/2017, Council pre-committed on Sept. 5th/17, \$654,172 in 2018, \$350,000 in 2019 and \$1,500,000 in 2021. CR577/2019 Report # C 178/2019 approved a pre-commitment to the 2020 Capital Budget- F160 - \$100,000, F169 - 60,709 and F176 - \$63,886. Of note, B8/2019 has resulted in some or all of the original PAYG funding to be identified as Service Sustainability F221 funding.</p>																																																																																																																																																																																				
Project Forecast				Project Detailed Forecast																																																																																																																																																																																				
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2020</td><td>224,595</td><td>224,595</td><td>0</td></tr> <tr><td>2021</td><td>2,211,021</td><td>2,211,021</td><td>0</td></tr> <tr><td>2022</td><td>1,977,448</td><td>1,977,448</td><td>0</td></tr> <tr><td>2023</td><td>1,343,875</td><td>1,343,875</td><td>0</td></tr> <tr><td>2024</td><td>2,510,302</td><td>2,510,302</td><td>0</td></tr> <tr><td>2025</td><td>2,226,728</td><td>2,226,728</td><td>0</td></tr> <tr><td>2026</td><td>2,903,000</td><td>2,903,000</td><td>0</td></tr> <tr><td>2027</td><td>3,053,000</td><td>3,053,000</td><td>0</td></tr> <tr><td>2028+</td><td>9,000,000</td><td>9,000,000</td><td>0</td></tr> <tr><td></td><td>25,449,969</td><td>25,449,969</td><td>0</td></tr> </tbody> </table>						Revenue		Year	Total Expense	Net City Cost	Subsidies	2020	224,595	224,595	0	2021	2,211,021	2,211,021	0	2022	1,977,448	1,977,448	0	2023	1,343,875	1,343,875	0	2024	2,510,302	2,510,302	0	2025	2,226,728	2,226,728	0	2026	2,903,000	2,903,000	0	2027	3,053,000	3,053,000	0	2028+	9,000,000	9,000,000	0		25,449,969	25,449,969	0	<table border="1"> <thead> <tr> <th>GL Account</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="11">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>224,595</td> <td>2,211,021</td> <td>1,977,448</td> <td>1,343,875</td> <td>2,510,302</td> <td>2,226,728</td> <td>2,903,000</td> <td>3,053,000</td> <td>9,000,000</td> <td>25,449,969</td> </tr> <tr> <td>Total</td> <td>224,595</td> <td>2,211,021</td> <td>1,977,448</td> <td>1,343,875</td> <td>2,510,302</td> <td>2,226,728</td> <td>2,903,000</td> <td>3,053,000</td> <td>9,000,000</td> <td>25,449,969</td> </tr> <tr> <td colspan="11">Revenues</td> </tr> <tr> <td>176 Federal Gas Tax Rebate</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>63,886</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>63,886</td> </tr> <tr> <td>221 Service Sustainability Investm</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>160,709</td> <td>2,211,021</td> <td>1,977,448</td> <td>1,343,875</td> <td>2,510,302</td> <td>2,226,728</td> <td>2,903,000</td> <td>3,053,000</td> <td>9,000,000</td> <td>25,386,083</td> </tr> <tr> <td>Total</td> <td>224,595</td> <td>2,211,021</td> <td>1,977,448</td> <td>1,343,875</td> <td>2,510,302</td> <td>2,226,728</td> <td>2,903,000</td> <td>3,053,000</td> <td>9,000,000</td> <td>25,449,969</td> </tr> </tbody> </table>												GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	Expenses											5410 Construction Contracts - TCA												224,595	2,211,021	1,977,448	1,343,875	2,510,302	2,226,728	2,903,000	3,053,000	9,000,000	25,449,969	Total	224,595	2,211,021	1,977,448	1,343,875	2,510,302	2,226,728	2,903,000	3,053,000	9,000,000	25,449,969	Revenues											176 Federal Gas Tax Rebate												63,886	0	0	0	0	0	0	0	0	63,886	221 Service Sustainability Investm												160,709	2,211,021	1,977,448	1,343,875	2,510,302	2,226,728	2,903,000	3,053,000	9,000,000	25,386,083	Total	224,595	2,211,021	1,977,448	1,343,875	2,510,302	2,226,728	2,903,000	3,053,000	9,000,000	25,449,969
		Revenue																																																																																																																																																																																						
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																					
2020	224,595	224,595	0																																																																																																																																																																																					
2021	2,211,021	2,211,021	0																																																																																																																																																																																					
2022	1,977,448	1,977,448	0																																																																																																																																																																																					
2023	1,343,875	1,343,875	0																																																																																																																																																																																					
2024	2,510,302	2,510,302	0																																																																																																																																																																																					
2025	2,226,728	2,226,728	0																																																																																																																																																																																					
2026	2,903,000	2,903,000	0																																																																																																																																																																																					
2027	3,053,000	3,053,000	0																																																																																																																																																																																					
2028+	9,000,000	9,000,000	0																																																																																																																																																																																					
	25,449,969	25,449,969	0																																																																																																																																																																																					
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total																																																																																																																																																																														
Expenses																																																																																																																																																																																								
5410 Construction Contracts - TCA																																																																																																																																																																																								
	224,595	2,211,021	1,977,448	1,343,875	2,510,302	2,226,728	2,903,000	3,053,000	9,000,000	25,449,969																																																																																																																																																																														
Total	224,595	2,211,021	1,977,448	1,343,875	2,510,302	2,226,728	2,903,000	3,053,000	9,000,000	25,449,969																																																																																																																																																																														
Revenues																																																																																																																																																																																								
176 Federal Gas Tax Rebate																																																																																																																																																																																								
	63,886	0	0	0	0	0	0	0	0	63,886																																																																																																																																																																														
221 Service Sustainability Investm																																																																																																																																																																																								
	160,709	2,211,021	1,977,448	1,343,875	2,510,302	2,226,728	2,903,000	3,053,000	9,000,000	25,386,083																																																																																																																																																																														
Total	224,595	2,211,021	1,977,448	1,343,875	2,510,302	2,226,728	2,903,000	3,053,000	9,000,000	25,449,969																																																																																																																																																																														
Historical Approved Budget																																																																																																																																																																																								
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>2,654,172</td><td>2,654,172</td><td>0</td></tr> <tr><td>2019</td><td>480,000</td><td>480,000</td><td>0</td></tr> </tbody> </table>						Revenue		Year	Total Expense	Net City Cost	Subsidies	2018	2,654,172	2,654,172	0	2019	480,000	480,000	0																																																																																																																																																																					
		Revenue																																																																																																																																																																																						
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																					
2018	2,654,172	2,654,172	0																																																																																																																																																																																					
2019	480,000	480,000	0																																																																																																																																																																																					

Related Projects			Operating Budget Impact			
Year Identified	Start Date	Project Type for 2020	Effective Date	Description	Exp/(Rev)	FTE Impact
			Unknown	Dedicated staff responsible for playground maintenance and inspections to ensure compliance with CSA guidelines.	0	3
			Unknown	Dedicated supervision for playground inspection procedures and compliance with internal playground inspection policies	0	1
			Unknown	Dedicated trucking costs for playground inspection and maintenance staff	0	0
			Unknown	Telephone costs for playground inspectors for immediate notification of compliance violations and safety issues.	0	0
			Unknown	Clothing costs for dedicated inspection and maintenance costs.	0	0
			Unknown	Fringe costs for staffing dedicated to playground inspection and maintenance activities	0	0
2014	October 1, 2014	Growth: 0.0 % Maintenance: 100.0 %	Mike Clement			



Project Version Summary

Project # PFO-002-16 **Service Area** Office of Parks, Rec., Culture & Facilities
Budget Year 2020 **Department** Parks & Facilities
Asset Type Unassigned **Division** Parks

Title Realtor Park Splash Pad/Washroom Placeholder
Budget Status Council Approved Budget
Major Category Parks & Recreation
Wards Ward 6
Version Name Main (Active)

Project Description			Version Description																		
In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration.			This project consists of design, tendering and installation of a splash pad at Realtor Park and renovation/addition to the existing washroom/storage building. The planning phase commenced in the Spring of 2016. Renovations to the existing washroom will be undertaken in the Summer of 2017. The splash pad has been tendered with a completion date by the Fall of 2017.																		
Project Comments/Reference			Version Comments																		
7171056			PRE-COMMITMENT: CR90/2017, Report C 214/2017 approved a pre-commitment of \$500,000 in 2020.																		
Project Forecast			Project Detailed Forecast																		
		Revenue																			
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total							
2020	500,000	500,000	0	Expenses																	
2021	0	0	0	5410	Construction Contracts - TCA																
2022	0	0	0		500,000	0	0	0	0	0	0	0	0	500,000							
2023	0	0	0		Total	500,000	0	0	0	0	0	0	0	500,000							
2024	0	0	0	Revenues																	
2025	0	0	0	169	Pay As You Go - Capital Reserve																
2026	0	0	0		500,000	0	0	0	0	0	0	0	0	500,000							
2027	0	0	0		Total	500,000	0	0	0	0	0	0	0	500,000							
2028+	0	0	0																		
	500,000	500,000	0																		
Historical Approved Budget			Operating Budget Impact																		
Related Projects																					
			<table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>The commissioning of new park amenities results in pressures on the maintenance and operating budget.</td> <td>0</td> <td>0</td> </tr> </tbody> </table>											Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	The commissioning of new park amenities results in pressures on the maintenance and operating budget.	0	0
Effective Date	Description	Exp/(Rev)	FTE Impact																		
Unknown	The commissioning of new park amenities results in pressures on the maintenance and operating budget.	0	0																		
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date													
2016	April 1, 2018	Growth: 100.0 % Maintenance: 0.0 %	Mike Clement					June 2018													



Project Version Summary

Project #	PFO-002-20	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type		Division	Parks
Title	George Avenue Park Redevelopment		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 5		
Version Name	Main (Active)		

Project Description				Version Description											
Parks Administration has developed a model for the redevelopment of George Avenue Park which includes an AODA-compliant playground, a picnic/shade structure, a half court basketball court, walking paths, lighting, parking lot and benches. The funding received from the sale of the Park from Windsor Utilities Commission will allow for the redevelopment as per Council report 23/2016.				2028+: Redevelopment of park pathways, signage, landscaping, site furnishings, sports court, playground, shelter and parking lot \$1,200,000											
Project Comments/Reference				Version Comments											
				Note: As per CR92/2016, amended by CR239/2016, Report #18093, Council approved the sale of George Ave. Park to Windsor Utilities Commission subject to the retention of a permanent easement for use as parkland. WUC expressed that given the importance of the infrastructure beneath the park, it would prefer to own the property outright. Given that the City would be surrendering ownership of a park, the consideration for doing so includes refurbishment of the park for the benefit of the neighbourhood.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	0	0	0			0	0	0	0	0	0	0	0	1,200,000	1,200,000
2022	0	0	0			0	0	0	0	0	0	0	0	1,200,000	1,200,000
2023	0	0	0			0	0	0	0	0	0	0	0	1,200,000	1,200,000
2024	0	0	0			0	0	0	0	0	0	0	0	1,200,000	1,200,000
2025	0	0	0	Revenues											
2026	0	0	0	151 Parks/Rec/Facil Acquis Funding		0	0	0	0	0	0	0	0	1,200,000	1,200,000
2027	0	0	0			0	0	0	0	0	0	0	0	1,200,000	1,200,000
2028+	1,200,000	1,200,000	0			0	0	0	0	0	0	0	0	1,200,000	1,200,000
	1,200,000	1,200,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2020		Growth: 0.0 % Maintenance: 0.0 %		Mike Clement					TBD						



Project Version Summary

Project #	PFO-003-15	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	C.R.I.P., Riverfront Trail		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 2, Ward 3, Ward 4		
Version Name	Main (Active)		

Project Description

This project reflects \$5.7M in placeholder funding for various elements of the Riverfront allocated from:

- 2013 Enhanced budget allocated placeholders in the amount of \$1.4M to the Riverfront
- 2014 Enhanced budget of \$2.3M for CRIP from 2018 Debt Reduction Levy; and
- 2014 Enhanced budget of \$2.0M placeholder for the Riverfront. In total \$5.7M. - \$2.75M has been attributed to the Pedestrian Tunnel, \$1.4M from 2013 and \$1.35M from 2014. To date, \$228K of the \$2.75M has been approved and spent on the pedestrian tunnel. The balance of \$2.522M includes the 2020 and 2021 amounts in this capital project budget, as well as \$600K in 2017 funding which remains in the PAYG reserve pending a separate report to Council to release the funds for use.

- \$1.99M of the \$2.3M in 2018 debt reduction levy funding was allocated as follows:

- \$40,000 Festival Stage Plaza - CR203/2014
- \$26,350 Dieppe Flag Pole - CR30/2015
- \$200,000 Rotary Centennial - CR179/2017
- \$1,723,650 - Festival Plaza - CR430/2018
- \$310,000 Festival Plaza (2019) - CR430/2018

Version Description

Project Comments/Reference

7152005: Festival Plaza; 7152006: Great Canadian Flag; 7132015: CRIP Trail/Pedestrian Tunnel; 7172014: Rotary Centennial Plaza

Version Comments

Project Forecast

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2020	0	0	0
2021	0	0	0
2022	0	0	0
2023	0	0	0
2024	0	0	0
2025	0	0	0
2026	0	0	0
2027	0	0	0
2028+	1,690,000	1,690,000	0
Total	1,690,000	1,690,000	0

Project Detailed Forecast

GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses										
5410 Construction Contracts - TCA	0	0	0	0	0	0	0	0	1,690,000	1,690,000
Total	0	0	0	0	0	0	0	0	1,690,000	1,690,000
Revenues										
126 Dev Chg - Park Development	0	0	0	0	0	0	0	0	0	0
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	1,690,000	1,690,000
Total	0	0	0	0	0	0	0	0	1,690,000	1,690,000

Historical Approved Budget

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2018	1,990,000	1,990,000	0
2019	310,000	310,000	0

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
2014	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Mike Clement	2018	
			Effective Date	Description	Exp/(Rev) FTE Impact
			Unknown	No operating budget impact.	0 0



Project Version Summary

Project #	PFO-003-17	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	GPS Laser Line Painting Equipment		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
To acquire a GPS laser line painting machine and software for Parks Operations. This will remove the need to string line soccer fields.															
Project Comments/Reference				Version Comments											
7171058				As per B27/2017, a departmental operating budget enhancement was accepted by Council, which pre-commits \$50,000 funding in 2020.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	50,000	50,000	0	5110 Machinery & Equipment - TCA											
2021	0	0	0		50,000	0	0	0	0	0	0	0	0	0	50,000
2022	0	0	0	Total	50,000	0	0	0	0	0	0	0	0	0	50,000
2023	0	0	0	Revenues											
2024	0	0	0	169 Pay As You Go - Capital Reserve											
2025	0	0	0		50,000	0	0	0	0	0	0	0	0	0	50,000
2026	0	0	0	Total	50,000	0	0	0	0	0	0	0	0	0	50,000
2027	0	0	0												
2028+	0	0	0												
50,000		50,000		0											
Historical Approved Budget				Operating Budget Impact											
				Effective Date	Description							Exp/(Rev)	FTE Impact		
				Unknown							0	0			
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2017	May 1, 2018	Growth: 100.0 % Maintenance: 0.0 %	James Chacko/Angela Marazita	2018											



Project Version Summary

Project #	PFO-003-18	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Fred Thomas Splash Pad (Glengarry)		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description				Version Description											
Council Resolution B54/2017 approved \$300,000 to be charged to 2020 Pay as You Go funding for work planned for the Fred Thomas Splash Pad along Glengarry Avenue.															
Project Comments/Reference				Version Comments											
				Originally approved funding in 2017 for this project was reallocated to fund the Arts Endowment project. The \$300,000 is now a placeholder pending a detailed report for a Splash Pad at Fred Thomas Park.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	300,000	300,000	0	5410	Construction Contracts - TCA										
2021	0	0	0		300,000	0	0	0	0	0	0	0	0	0	300,000
2022	0	0	0		Total	300,000	0	0	0	0	0	0	0	0	300,000
2023	0	0	0	Revenues											
2024	0	0	0	169	Pay As You Go - Capital Reserve										
2025	0	0	0		300,000	0	0	0	0	0	0	0	0	0	300,000
2026	0	0	0		Total	300,000	0	0	0	0	0	0	0	0	300,000
2027	0	0	0												
2028+	0	0	0												
	300,000	300,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2018	January 15, 2020	Growth: 100.0 % Maintenance: 0.0 %	Mike Clement	December 2020											



Project Version Summary

Project #	PFO-003-19	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type		Division	Parks
Title	Parks Lighting Replacement		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description																	
Placeholder for the installation of new park lighting required for parkland and the replacement of existing lighting which is beyond the useful life. There are many lighting structures located in parks where poles have worn due to age and are in need of renovation to protect the lighting structure and ensure maximum safety to the public. This capital project will ensure asset management principles are maintained within the infrastructure in Parks.				Parks lighting was identified by the public as a significant amenity within parklands in the Parks master plan.																	
Project Comments/Reference				Version Comments																	
7191011																					
Project Forecast				Project Detailed Forecast																	
		<u>Revenue</u>																			
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>							
2020	100,000	100,000	0	Expenses																	
2021	100,000	100,000	0	5410 Construction Contracts - TCA																	
2022	100,000	100,000	0	100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 500,000 1,300,000																	
2023	100,000	100,000	0	Total 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 500,000 1,300,000																	
2024	100,000	100,000	0	Revenues																	
2025	100,000	100,000	0	221 Service Sustainability Investm																	
2026	100,000	100,000	0	100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 500,000 1,300,000																	
2027	100,000	100,000	0	Total 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 500,000 1,300,000																	
2028+	500,000	500,000	0																		
1,300,000		1,300,000		0																	
Historical Approved Budget				Operating Budget Impact																	
		<u>Revenue</u>																			
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>																		
2019	38,500	38,500	0																		
Related Projects																					
Year Identified	Start Date	Project Type for 2020		Project Lead						Est. Completion Date											
2019		Growth: 0.0 % Maintenance: 100.0 %		Mike Clement/James Chacko						Ongoing											



Project Version Summary

Project #	PFO-004-17	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Forest Glade Basketball Court Renovation		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 7		
Version Name	Main (Active)		

Project Description				Version Description											
For the restoration of Forest Glade Basketball Court. As per the approved 2017 enhanced Capital Budget 5-year plan.															
Project Comments/Reference				Version Comments											
7171076				PRE-COMMITMENT: CR201/2017, report # C 49/2017 approved a pre-commitment of \$200,000 in 2021.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	200,000	200,000	0			0	200,000	0	0	0	0	0	0	0	200,000
2022	0	0	0												
2023	0	0	0												
2024	0	0	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	0	0	0												
	200,000	200,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2017	January 23, 2021	Growth: 0.0 % Maintenance: 0.0 %	Mike Clement	2021											



Project Version Summary

Project #	PFO-004-19	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Malden Park Drainage		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards			
Version Name	Main (Active)		

Project Description				Version Description											
Improvements to Malden Park ponds to decrease the amount of flooding occurring during the spring on the multi-use pathway and Parking lot.				2021 - \$100,000 To replace sections of pathway have been undermined and destroyed by the flooding around the pond area.											
Project Comments/Reference				Version Comments											
7191012															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	100,000	100,000	0			0	100,000	0	0	0	0	0	0	0	100,000
2022	0	0	0	Total		0	100,000	0	0	0	0	0	0	0	100,000
2023	0	0	0	Revenues											
2024	0	0	0	153 Sewer Surcharge											
2025	0	0	0			0	0	0	0	0	0	0	0	0	0
2026	0	0	0	221 Service Sustainability Investm											
2027	0	0	0	Total		0	100,000	0	0	0	0	0	0	0	100,000
2028+	0	0	0			0	100,000	0	0	0	0	0	0	0	100,000
	100,000	100,000	0												
Historical Approved Budget				Operating Budget Impact											
		Revenue													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2019	350,000	350,000	0												
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2019	April 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Trevor Duquette					2019						



Project Version Summary

Project #	PFO-005-12	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Regional Parks Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
Regional parks benefit the entire community, surrounding communities, tourist and visitors to Windsor. Projects undertaken focus on park redevelopment and improving major park amenities. There are 33 regional parks in the park system that account for 42% of the total area of parkland. The regional parks include riverfront parks, sports parks, horticultural displays and heritage parks.

Version Description
2020: Mic Mac Bleacher Restorations and Shade Structure \$250,000 2021: Jackson Park Sunken Garden washrooms & maintenance bldg. \$750,000; Mic Mac Park washrooms - \$200,000 2022: Mic Mac Picnic Shelter \$200,000 2024: Jackson Park Gate restorations- \$500,000 2025: Jackson Park Sunken Garden Restorations \$300,000 (Phase 1) 2026: Mic Mac Improvements for Lighting \$500,000 2027: Mic Mac Picnic Shelter \$200,000; Reaume Park Restorations \$400,000 2028+: Jackson Park Sunken Garden restorations \$1,200,000 (Phase 2);

Project Comments/Reference
7151013/7181027/7161024 (Closed) 7129002/7171065/7181026/7201020

Version Comments
PRE-COMMITMENTS: Coventry Gardens restorations- \$500,000 - CR2017/2017, Report C49/2017, 2017 Enhanced Capital Budget for Mic Mac Park Washrooms/Concessions, pre-commits \$200,000 in 2021. - CR211/2018, City Council approved a pre-commitment of \$150,000 in 2019 and \$950,000 in 2021 (\$750,000 for Jackson Park and \$250,000 for Mic Mac Park).

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	250,000	250,000	0
2021	950,000	950,000	0
2022	200,000	200,000	0
2023	0	0	0
2024	500,000	500,000	0
2025	300,000	300,000	0
2026	500,000	500,000	0
2027	600,000	600,000	0
2028+	1,700,000	1,700,000	0
	5,000,000	5,000,000	0

Project Detailed Forecast											
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Expenses											
5410	Construction Contracts - TCA										
	250,000	950,000	200,000	0	500,000	300,000	500,000	600,000	1,700,000	5,000,000	
	Total	250,000	950,000	200,000	0	500,000	300,000	500,000	600,000	1,700,000	5,000,000
Revenues											
126	Dev Chg - Park Development										
	0	67,500	0	0	0	0	0	0	0	0	67,500
151	Parks/Rec/Facil Acquis Funding										
	0	682,500	0	0	500,000	0	0	0	0	1,182,500	
166	Sports Field Improvements										
	0	0	0	0	0	0	0	0	0	0	0
221	Service Sustainability Investm										
	250,000	200,000	200,000	0	0	300,000	500,000	600,000	1,700,000	3,750,000	
	Total	250,000	950,000	200,000	0	500,000	300,000	500,000	600,000	1,700,000	5,000,000

Historical Approved Budget		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2012	585,000	585,000	0
2013	336,379	174,750	161,629
2014	510,000	510,000	0
2015	831,000	831,000	0
2016	220,000	220,000	0
2017	500,000	500,000	0
2018	500,000	500,000	0
2019	1,000,000	1,000,000	0



Project Version Summary

Project # PFO-005-17 **Service Area** Office of Parks, Rec., Culture & Facilities
Budget Year 2020 **Department** Parks & Facilities
Asset Type Unassigned **Division** Parks

Title Reaume Park Lights for Afghanistan Memorial
Budget Status Council Approved Budget
Major Category Parks & Recreation
Wards Ward 6
Version Name Main (Active)

Project Description				Version Description											
As per the approved 2017 enhanced Capital Budget 5-year plan.															
Project Comments/Reference				Version Comments											
7171075 (closed)/7129002				PRE-COMMITMENT: CR201/2017, report # C 49/2017 approved a pre-commitment of \$5,000 in 2021. As per CR308/2019- 7171075's future 2021 commitment transferred to project #7129002-Regional Parks.											
Project Forecast				Project Detailed Forecast											
		Revenue													
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
2020	0	0	0	Expenses											
2021	5,000	5,000	0	5410	Construction Contracts - TCA										
2022	0	0	0		0	5,000	0	0	0	0	0	0	0	5,000	
2023	0	0	0	Total											5,000
2024	0	0	0	Revenues											
2025	0	0	0	169	Pay As You Go - Capital Reserve										
2026	0	0	0		0	5,000	0	0	0	0	0	0	0	5,000	
2027	0	0	0	Total											5,000
2028+	0	0	0												
5,000		5,000		0											
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2017	January 23, 2021	Growth: 0.0 % Maintenance: 0.0 %	Mike Clement	2021											



Project Version Summary

Project #	PFO-005-18	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Shorewall Capital Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 3, Ward 7		
Version Name	Main (Active)		

Project Description				Version Description											
This capital program is for the repair/refurbishment/replacement of shorewalls along the riverfront.				Shoreline restorations to be identified through conditional assessment report. Areas identified to be in the greater need with be addressed with budget funding.											
Project Comments/Reference				Version Comments											
7209006															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	1,740	1,740	0	5410 Construction Contracts - TCA											
2021	135,621	135,621	0			1,740	135,621	425,003	8,885	511,266	592,000	592,000	592,000	3,000,000	5,858,515
2022	425,003	425,003	0			Total									
2023	8,885	8,885	0			1,740	135,621	425,003	8,885	511,266	592,000	592,000	592,000	3,000,000	5,858,515
2024	511,266	511,266	0	Revenues											
2025	592,000	592,000	0	221 Service Sustainability Investm											
2026	592,000	592,000	0			1,740	135,621	425,003	8,885	511,266	592,000	592,000	592,000	3,000,000	5,858,515
2027	592,000	592,000	0			Total									
2028+	3,000,000	3,000,000	0			1,740	135,621	425,003	8,885	511,266	592,000	592,000	592,000	3,000,000	5,858,515
		5,858,515	0												
Historical Approved Budget				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2018	May 1, 2018	Growth: 0.0 % Maintenance: 100.0 %		Mike Clement					Ongoing						



Project Version Summary

Project #	PFO-005-19	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Parks & Recreation Service and Infrastructure Program		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
Parks and Recreation service and infrastructure rehabilitation throughout the City. This funding represents a placeholder for installation or replacement of significant features in a Park or in a Recreation Facility.															
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	0	0	0		0	0	0	500,000	500,000	500,000	0	0	0	1,500,000	
2022	0	0	0	Total	0	0	0	500,000	500,000	500,000	0	0	0	1,500,000	
2023	500,000	500,000	0	Revenues											
2024	500,000	500,000	0	221 Service Sustainability Investm											
2025	500,000	500,000	0		0	0	0	500,000	500,000	500,000	0	0	0	1,500,000	
2026	0	0	0	Total	0	0	0	500,000	500,000	500,000	0	0	0	1,500,000	
2027	0	0	0												
2028+	0	0	0												
	1,500,000	1,500,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2019	January 1, 2023	Growth: 0.0 % Maintenance: 0.0 %		Jan Wilson					2023						



Project Version Summary

Project #	PFO-005-20	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Natural Areas Management Program		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The Natural Areas division is responsible for multiple sites of 620 acres of natural areas, 600m of fencing, 9200m of trails, bridges, gates, boardwalks, interpretive and wayfinding signage. The natural areas include Ojibway Park, Black Oak Heritage Park, Tallgrass Prairie Heritage Park, Spring Garden Natural Area, Peche Island, South Cameron Woodlot, and Oakwood Natural Area.

These areas need to be monitored for public safety, species at risk, invasive species, vandalism, unauthorized uses, destruction of nationally significant natural areas, hazardous conditions both from flooding and winds as well as people modifying the landscape and using it inappropriately.

Management of these natural areas include repair and maintenance of public accessible amenities (signage, trails, boardwalks, bridges, boardwalks), protection for species at risk (compliance with Endangered Species Act, 2007), preservation of nationally endangered ecosystems, control of invasive species, and monitoring of ecosystems and biodiversity.

These management works are necessary to mitigate risk and to protect the City's investment in these highly sensitive and nationally significant natural areas.

There is a the potential to apply for grants that would provide matching funds which would be used to do additional work to catch up on the backlog of invasive species removal and prescribed burning of fire-dependant ecosystems. Initially work would begin within Black Oak Heritage Park due to the ongoing pressures and backlog of management works at that site.

Project Comments/Reference

Version Description

The estimated costs for this project represent an annual estimate. There is ongoing work with a consultant on the development of the Black Oak Management Plan with the study nearing completion and it has become apparent that a capital budget will be required in order to implement the recommendations that will be included in the plan.

Version Comments

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5410	Construction Contracts - TCA									
2021	100,000	100,000	0		0	100,000	100,000	200,000	100,000	100,000	100,000	100,000	800,000	1,600,000
2022	100,000	100,000	0											
2023	200,000	200,000	0											
2024	100,000	100,000	0											
2025	100,000	100,000	0											
2026	100,000	100,000	0											
2027	100,000	100,000	0											
2028+	800,000	800,000	0											
	1,600,000	1,600,000	0											
Historical Approved Budget														
Related Projects				Operating Budget Impact										
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date					
2020	April 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Paul Giroux					Ongoing					



Project Version Summary

Project #	PFO-006-12	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Community Parks Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
Community parks vary in size and are designed to service a diverse population and provide opportunities for all types of recreation, social and cultural activities. Community parks have more amenities than neighbourhood parks and can include large sport fields, splash pads, community centres, large playground areas, sport courts, picnic shelters and other park amenities. Projects undertaken will focus on rehabilitating major park amenities.				2020: Washroom Facilities at Forest Glade Community Centre - \$500,000 2021: Splash Pad at Forest Glade Community Centre - \$250,000 2022: McDonald Park Improvements - \$250,000 2023: Lanspeary Park Improvements- \$500,000 2026-2027: Lanspeary Park Improvements- \$1,000,000											
Project Comments/Reference				Version Comments											
7171024/7181042/7191039 Closed:7129011/7151014				PRE-COMMITMENT: CR577/2019, report # C 178/2019 approved a pre-commitment to the 2020 Capital Budget on Nov. 18/19. F151 - \$500,000 for Forest Glade Washrooms.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	500,000	500,000	0	5410 Construction Contracts - TCA											
2021	250,000	250,000	0	500,000 250,000 250,000 500,000 0 0 500,000 500,000 0 2,500,000											
2022	250,000	250,000	0	Total 500,000 250,000 250,000 500,000 0 0 500,000 500,000 0 2,500,000											
2023	500,000	500,000	0	Revenues											
2024	0	0	0	126 Dev Chg - Park Development											
2025	0	0	0	0 0 22,500 0 0 0 0 0 0 22,500											
2026	500,000	500,000	0	151 Parks/Rec/Facil Acquis Funding											
2027	500,000	500,000	0	500,000 250,000 227,500 0 0 0 0 0 0 977,500											
2028+	0	0	0	221 Service Sustainability Investm											
	2,500,000	2,500,000	0	0 0 0 500,000 0 0 500,000 500,000 0 1,500,000											
Historical Approved Budget				Operating Budget Impact											
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2013	450,000	450,000	0												
2014	751,282	751,282	0												
2015	750,000	750,000	0												
2016	577,000	577,000	0												
2017	250,000	250,000	0												
2019	500,000	500,000	0												
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2012	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Mike Clement					Ongoing						



Project Version Summary

Project #	PFO-006-17	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Realtor Park - Tennis Court Enhancements		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 6		
Version Name	Main (Active)		

Project Description				Version Description											
Project funding for the renovation of tennis court located at Realtor Park. Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan.															
Project Comments/Reference				Version Comments											
7171073				PRE-COMMITMENT: CR201/2017, report # C 49/2017 approved a pre-commitment of \$75,000 in 2021.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	75,000	75,000	0		0	75,000	0	0	0	0	0	0	0	75,000	
2022	0	0	0		Total										
2023	0	0	0		0	75,000	0	0	0	0	0	0	0	75,000	
2024	0	0	0	Revenues											
2025	0	0	0	169	Pay As You Go - Capital Reserve										
2026	0	0	0		0	18,750	0	0	0	0	0	0	0	18,750	
2027	0	0	0	221	Service Sustainability Investm										
2028+	0	0	0		0	56,250	0	0	0	0	0	0	0	56,250	
	75,000	75,000	0		Total										
					0	75,000	0	0	0	0	0	0	0	75,000	
Historical Approved Budget				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2017	January 23, 2021	Growth: 0.0 % Maintenance: 0.0 %	Mike Clement	2021											



Project Version Summary

Project # PFO-006-18 **Service Area** Office of Parks, Rec., Culture & Facilities
Budget Year 2020 **Department** Parks & Facilities
Asset Type Unassigned **Division** Parks

Title Ditch Cutting Equipment for Vacant Properties/Phragmites Control
Budget Status Council Approved Budget
Major Category Parks & Recreation
Wards City Wide
Version Name Main (Active)

Project Description			Version Description											
As per B38/2018, City Council approved on Monday Jan. 15th, 2018 the purchase of a ditch cutting flail mower/wet blade.														
Project Comments/Reference			Version Comments											
Through the use of a wet blade, herbicide is applied when cutting the vegetation. The primary difference between the use of a wet blade and other herbicide-applying and mowing products is the precision application. The herbicide is not sprayed into the atmosphere, the surroundings or the ground. The herbicide is applied precisely at the time of cut for maximum effectiveness.			PRE-COMMITMENT: \$266,280 in 2022 per B38/2018.											
7181033														
Project Forecast			Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5110 Machinery & Equipment - TCA										
2021	0	0	0		0	0	266,280	0	0	0	0	0	0	266,280
2022	266,280	266,280	0	Total	0	0	266,280	0	0	0	0	0	0	266,280
2023	0	0	0	Revenues										
2024	0	0	0	169 Pay As You Go - Capital Reserve										
2025	0	0	0		0	0	266,280	0	0	0	0	0	0	266,280
2026	0	0	0	Total	0	0	266,280	0	0	0	0	0	0	266,280
2027	0	0	0											
2028+	0	0	0											
	266,280	266,280	0											
Historical Approved Budget			Operating Budget Impact											
Related Projects														
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date						
2018	February 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	James Chacko/Angela Marazita					May 31, 2018						



Project Version Summary

Project #	PFO-006-19	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Recycling Silos in Parks		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
Purchase and installation of additional recycling silos which would be twinned with current stand alone garbage silos at City Parks. Installation of new recycling silos in areas that are deficient within parklands.				2020- 2023: Purchase and installation of additional recycling silos (191) which would be twinned with current stand alone garbage silos at City Parks 2024- 2028+: Installation of new recycling silos in areas that are deficient within parklands.											
Project Comments/Reference				Version Comments											
7192008				B16/2019 approved the purchase and installation of additional 191 Recycling Silos costing \$321,000 to be funded as \$65,000 from the 2019 tree maintenance allocation and \$64,000 funded per year beginning in 2020 for four years to be included in 2020 8-year capital budget.											
Project Forecast				Project Detailed Forecast											
		Revenue													
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
2020	64,000	64,000	0	Expenses											
2021	64,000	64,000	0	2230	Infrastructure Maint. Material										
2022	64,000	64,000	0		64,000	64,000	64,000	64,000	64,000	64,000	64,000	64,000	64,000	576,000	
2023	64,000	64,000	0		64,000	64,000	64,000	64,000	64,000	64,000	64,000	64,000	64,000	576,000	
2024	64,000	64,000	0		64,000	64,000	64,000	64,000	64,000	64,000	64,000	64,000	64,000	576,000	
2025	64,000	64,000	0		64,000	64,000	64,000	64,000	64,000	64,000	64,000	64,000	64,000	576,000	
2026	64,000	64,000	0		64,000	64,000	64,000	64,000	64,000	64,000	64,000	64,000	64,000	576,000	
2027	64,000	64,000	0		64,000	64,000	64,000	64,000	64,000	64,000	64,000	64,000	64,000	576,000	
2028+	64,000	64,000	0		64,000	64,000	64,000	64,000	64,000	64,000	64,000	64,000	64,000	576,000	
	576,000	576,000	0												
Historical Approved Budget				Operating Budget Impact											
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2019	65,000	65,000	0												
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date							
2019	May 1, 2019	Growth: 100.0 % Maintenance: 0.0 %	James Chacko					2028							



Project Version Summary

Project #	PFO-006-20	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Riverfront Walkway Stabilization		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 3, Ward 7		
Version Name	Main (Active)		

Project Description				Version Description											
Project funding to ensure the integrity of the walkway located on the riverfront is stable. Required maintenance that is required to the walkway that is not related to the shore wall erosion will be funded by this project. This project is supported by the asset management principles as detailed in report S 129/2019.				2025: Riverfront Walkway restorations - \$1,500,000 2026: Riverfront Walkway restoration - \$500,000 2028: Riverfront Walkway restorations- \$2,421,648 2029: Riverfront Walkway restorations- \$558,000 2030: Riverfront Walkway restorations- \$5,508,000											
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA		0	0	0	0	0	1,500,000	500,000	0	8,487,648	10,487,648
2021	0	0	0	Total		0	0	0	0	0	1,500,000	500,000	0	8,487,648	10,487,648
2022	0	0	0	Revenues											
2023	0	0	0	221 Service Sustainability Investm		0	0	0	0	0	1,500,000	500,000	0	8,487,648	10,487,648
2024	0	0	0	Total		0	0	0	0	0	1,500,000	500,000	0	8,487,648	10,487,648
2025	1,500,000	1,500,000	0												
2026	500,000	500,000	0												
2027	0	0	0												
2028+	8,487,648	8,487,648	0												
	10,487,648	10,487,648	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2020		Growth: 0.0 % Maintenance: 0.0 %		Mike Clement					Ongoing						



Project Version Summary

Project #	PFO-007-11	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Tree Maintenance Program		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The Forestry Division is responsible for the maintenance of approximately 70,000 street trees along the right-of-way and 30,000 parkland trees. In addition to this, the division also ensures that the City's natural areas are cared for in a responsible way. Tree maintenance involves the trimming of trees to promote health, longevity and safety while tree and stump removal is reserved for trees that are badly damaged by storms and or for trees that are in decline from age and other environmental factors. Historically, the Division has carried out limited preventative maintenance programs, through area trims but on a small scale (ie. area trim that was completed in Forest Glade back in 2015). However, as the City's trees have matured and aged and as storms continue to take their toll on their condition, the Division strictly operates on a reactive basis, fielding over 4,500 calls per year for maintenance.

An update of the Forestry plan was presented to Council via report S184/2017 to propose a preventative maintenance program which would not only improve the health and safety of the City's trees but would also serve to prevent the future occurrence of another tree maintenance backlog. The Council report recommended that \$2,080,000 be referred to the future capital budget deliberations. This project funding level would be required to maintain appropriate asset management principles.

Version Description

The funding allocated for this project has yielded positive results for the division. Recent restructuring to the Division and its contracts have increased the capacity and production of our division in terms of inspections and completed work orders. Waiting times for tree maintenance has been significantly reduced over the last few years. In the last 6 months of 2018, completion time for high priority tree work orders was reduced to a 9 day waiting period. In the first half of 2019, the average response time to close 246 Emergency 311 service calls was only 4 days. While these are positive results, the call volumes for tree maintenance will continue to be high until a preventative maintenance program is in place and functioning. Not only will this program reduce the number of complaints, service requests and the likelihood of another tree maintenance back log from occurring, but will also improve the health of the City's urban forest while reducing the number of tree related claims and liability exposure to the City.

2020:
 \$1,732,643 Tree Trimming Preventative Maintenance
 \$250,000 Tree Planting
 \$250,000 Tree Removals
 TOTAL: \$2,232,643

2021:
 \$1,344,143 Tree Trimming Preventative Maintenance
 \$250,000 Tree Planting
 \$200,000 Urban Forest Management Plan
 \$250,000 Tree Removals
 TOTAL: \$2,044,143

2022:
 \$1,544,143 Tree Trimming Preventative Maintenance
 \$250,000 Tree Planting
 \$250,000 Tree Removals
 TOTAL: \$2,044,143

2023:
 \$1,544,143 Tree Trimming Preventative Maintenance
 \$250,000 Tree Planting
 \$250,000 Tree Removals
 TOTAL: \$2,044,143

2024:
 \$1,795,143 Tree Trimming Preventative Maintenance
 \$250,000 Tree Planting
 \$250,000 Tree Removals
 TOTAL: \$2,295,143

2025:
 \$1,544,143 Tree Trimming Preventative Maintenance
 \$250,000 Tree Planting
 \$250,000 Tree Removals
 TOTAL: \$2,044,143

2026:

\$1,580,000 Tree Trimming Preventative Maintenance
 \$250,000 Tree Planting
 \$250,000 Tree Removals
 TOTAL: \$2,080,000

2027:
 \$1,580,000 Tree Trimming Preventative Maintenance
 \$250,000 Tree Planting
 \$250,000 Tree Removals
 \$1,544,143 Tree Trimming Preventative Maintenance
 \$250,000 Tree Planting
 \$250,000 Tree Removals
 TOTAL: \$2,080,000

2028+:
 \$3,160,000 Tree Trimming Preventative Maintenance
 \$500,000 Tree Planting
 \$500,000 Tree Removals
 TOTAL: \$4,160,000

Project Comments/Reference

(7129001 closed), 7131021

Version Comments

As per B30/2019, council report C 53/2019 increase in F169 PAYG Funding per allocation in Table3 of the report. This report also approves the commitment of \$150,000 in 2020.

The Corporate asset management plan report S129/2019 is being presented to Council on July 29th, 2019 which indicates the annual funding requirement for preventative tree maintenance of \$2,080,000 which represents a funding shortfall of \$1,294,143 with an average of \$785,857 from 2019 to 2025.

Response to Council Directive B32/2018 "That Administration provide information on any available subsidized programs which may exist by investigating best practices used in other municipalities; and that this information be provided during the 2019 Budget deliberation process". UPDATE Administration continues to seek opportunities to address this request . To date no funding programs have been found to assist with this addressing this need and or the eligibility requirements were such that we were not able to apply. Administration will continue to look for any new programs that might become available.

Project Forecast

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2020	2,232,643	2,232,643	0
2021	2,044,143	2,044,143	0
2022	2,044,143	2,044,143	0
2023	2,044,143	2,044,143	0
2024	2,295,143	2,295,143	0
2025	2,044,143	2,044,143	0
2026	2,080,000	2,080,000	0
2027	2,080,000	2,080,000	0
2028+	4,160,000	4,160,000	0
	21,024,358	21,024,358	0

Project Detailed Forecast

GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses										
2950 Other Prof Services-External	0	200,000	0	0	0	0	0	0	0	200,000
2980 Contracted Services	2,232,643	1,844,143	2,044,143	2,044,143	2,295,143	2,044,143	2,080,000	2,080,000	4,160,000	20,824,358
Total	2,232,643	2,044,143	2,044,143	2,044,143	2,295,143	2,044,143	2,080,000	2,080,000	4,160,000	21,024,358
Revenues										
221 Service Sustainability Investm	2,232,643	2,044,143	2,044,143	2,044,143	2,295,143	2,044,143	2,080,000	2,080,000	4,160,000	21,024,358
Total	2,232,643	2,044,143	2,044,143	2,044,143	2,295,143	2,044,143	2,080,000	2,080,000	4,160,000	21,024,358

Historical Approved Budget

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2012	65,000	65,000	0
2013	96,250	96,250	0
2014	121,250	121,250	0
2015	225,000	225,000	0
2016	210,000	210,000	0
2017	250,000	250,000	0
2018	710,000	710,000	0
2019	746,500	746,500	0

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
2011	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Paul Giroux	Ongoing	
			Effective Date	Description	Exp/(Rev) FTE Impact
			Unknown	Forestry Analyst to assist with tree inventory program.	0 1



Project Version Summary

Project #	PFO-007-12	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Neighbourhood Parks Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 Neighbourhood parks are smaller in scale and are designed to compliment and contribute to the character of their neighbourhoods including more passive recreational amenities. Projects undertaken under neighbourhood parks will focus on complete redevelopment of the entire park. Typically, the City will focus on those parks that are deemed to be out of date, lack resources and do not attract users. Redevelopment improvements include, but are not limited to, improved landscaping, pathway development and demolition/renovation of outdated park amenities. There are 142 neighbourhood parks that consist of 158 hectares or 10% of the open space system.

Version Description
 2020: Bruce Avenue Park Rehabilitation - \$500,000; Mitchell Park Security Maintenance - \$10,000; Kennedy Park \$100,000
 2021: Bruce Avenue Park Rehabilitation - \$250,000
 2025: Bradley Park - \$348,000
 2026: Bradley Park - \$152,000 and Maple Leaf Park - \$500,000

Project Comments/Reference
 Closed: 7129003,7161025,7151015,7184007
 Open: 7171025/7181041/7201021

Version Comments
 As per B54/2017, \$10,000 approved to be charged to 2020 F169. Originally approved funding in 2017 for this project was reallocated to fund the Arts Endowment project.
 Of note, B8/2019 has resulted in some or all of the original PAYG funding to be identified as Service Sustainability F221 funding.
 PRE-COMMITMENT:
 As per CR674/2018, Report C 202/2018, Council approved a pre-commitment of \$100,000 in 2019, \$500,000 in 2020 and \$250,000 in 2021 for Bruce Ave. Park.

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	610,000	610,000	0
2021	250,000	250,000	0
2022	0	0	0
2023	0	0	0
2024	0	0	0
2025	348,000	348,000	0
2026	652,000	652,000	0
2027	0	0	0
2028+	1,100,000	1,100,000	0
	2,960,000	2,960,000	0

Project Detailed Forecast		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses											
5410	Construction Contracts - TCA	610,000	250,000	0	0	0	348,000	652,000	0	1,100,000	2,960,000
Total		610,000	250,000	0	0	0	348,000	652,000	0	1,100,000	2,960,000
Revenues											
151	Parks/Rec/Facil Acquis Funding	500,000	250,000	0	0	0	0	0	0	0	750,000
160	Capital Expenditure Reserve	0	0	0	0	0	0	0	0	0	0
169	Pay As You Go - Capital Reserve	7,500	0	0	0	0	348,000	652,000	0	625,000	1,632,500
221	Service Sustainability Investm	102,500	0	0	0	0	0	0	0	475,000	577,500
Total		610,000	250,000	0	0	0	348,000	652,000	0	1,100,000	2,960,000

Historical Approved Budget		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2012	70,000	70,000	0
2014	300,000	300,000	0
2015	340,500	340,500	0
2016	250,000	250,000	0
2017	250,000	250,000	0
2019	500,000	500,000	0

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
2012	January 1, 2015	Growth: 62.7 % Maintenance: 37.3 %	Mike Clement	Ongoing	
					Exp/(Rev) FTE Impact 0 0



Project Version Summary

Project #	PFO-008-12	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	New Park Design/Development/Construction		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
Developers under agreement in subdivision development provide 5% land for a park plus additional funds per acre to construct the park and provide amenities. The collected fees are deposited into Reserve Fund 151 - Land Acquisitions - Other than Highways. The future costs are related to Sandwich South Employment Lands which is expected to occur in 2026.				2026: Sandwich South Employment Lands - \$300,000											
Project Comments/Reference				Version Comments											
7129004/ 7171026															
Project Forecast				Project Detailed Forecast											
		<u>Revenue</u>		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA		0	0	0	0	0	0	300,000	0	0	300,000
2021	0	0	0	Total		0	0	0	0	0	0	300,000	0	0	300,000
2022	0	0	0	Revenues											
2023	0	0	0	151 Parks/Rec/Facil Acquis Funding		0	0	0	0	0	0	300,000	0	0	300,000
2024	0	0	0	Total		0	0	0	0	0	0	300,000	0	0	300,000
2025	0	0	0												
2026	300,000	300,000	0												
2027	0	0	0												
2028+	0	0	0												
	300,000	300,000	0												
Historical Approved Budget															
		<u>Revenue</u>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2012	300,000	300,000	0												
2017	300,000	300,000	0												
Related Projects				Operating Budget Impact											
				Effective Date		Description								Exp/(Rev)	FTE Impact
				Unknown		New Parks have a significant impact on the Parks operations budget. Any new park development add to the grass cutting and the trail maintenance schedule. Trees will be added to these areas, which will require regular maintenance during the first 3 years, to ensure tree health. Where floral displays are prominent the Horticulture Operating Budget is significantly impacted.								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2012	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %		Mike Clement				Ongoing							



Project Version Summary

Project #	PFO-008-17	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Riverfront Exercise Equipment		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 4		
Version Name	Main (Active)		

Project Description				Version Description											
To design and develop a beach volleyball court located at the Riverfront. As per the approved 2017 enhanced Capital Budget 5-year plan. As per B56/2017, a detailed report has not yet come before Council to formally approve this project.															
Project Comments/Reference				Version Comments											
				Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan of \$100,000. An additional \$400,000 is being recommended to fund the anticipated cost.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	500,000	500,000	0		0	500,000	0	0	0	0	0	0	0	500,000	
2022	0	0	0		0	500,000	0	0	0	0	0	0	0	500,000	
2023	0	0	0		0	500,000	0	0	0	0	0	0	0	500,000	
2024	0	0	0		0	500,000	0	0	0	0	0	0	0	500,000	
2025	0	0	0		0	500,000	0	0	0	0	0	0	0	500,000	
2026	0	0	0		0	500,000	0	0	0	0	0	0	0	500,000	
2027	0	0	0		0	500,000	0	0	0	0	0	0	0	500,000	
2028+	0	0	0		0	500,000	0	0	0	0	0	0	0	500,000	
	500,000	500,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2017	January 23, 2021	Growth: 0.0 % Maintenance: 0.0 %	Mike Clement	2021											



Project Version Summary

Project #	PFO-009-20	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Parks Signage		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
This project is for the installation of signage for parkland required to be updated and locations currently without signs throughout the City.				Park Signage installation to be identified throughout city parkland on a priority basis.											
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	0	0	0		0	0	0	0	0	0	0	0	500,000	500,000	
2022	0	0	0		0	0	0	0	0	0	0	0	500,000	500,000	
2023	0	0	0		0	0	0	0	0	0	0	0	500,000	500,000	
2024	0	0	0		0	0	0	0	0	0	0	0	500,000	500,000	
2025	0	0	0		0	0	0	0	0	0	0	0	500,000	500,000	
2026	0	0	0		0	0	0	0	0	0	0	0	500,000	500,000	
2027	0	0	0		0	0	0	0	0	0	0	0	500,000	500,000	
2028+	500,000	500,000	0		0	0	0	0	0	0	0	0	500,000	500,000	
	500,000	500,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2020	April 1, 2020	Growth: 0.0 % Maintenance: 0.0 %	Mike Clement	Ongoing											



Project Version Summary

Project #	PFO-010-17	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Dog Park Development		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 2		
Version Name	Main (Active)		

Project Description				Version Description											
For Development of Dog Parks within Parkland throughout the City. New Dog Park policy was approved by Council which highlighted standard amenities to be included.				2021- Malden Park - \$75,000 2028+ South Windsor Dog Park \$200,000											
Project Comments/Reference				Version Comments											
7171066				PRE-COMMITMENT: 2021- Malden Park - \$75,000 (As per CR201/2017, Report C 49/2017 approved a pre-commitment in 2021).											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	75,000	75,000	0		0	75,000	0	0	0	0	0	0	200,000	275,000	
2022	0	0	0		Total										
2023	0	0	0		0	75,000	0	0	0	0	0	0	200,000	275,000	
2024	0	0	0	Revenues											
2025	0	0	0	169	Pay As You Go - Capital Reserve										
2026	0	0	0		0	75,000	0	0	0	0	0	0	200,000	275,000	
2027	0	0	0		Total										
2028+	200,000	200,000	0		0	75,000	0	0	0	0	0	0	200,000	275,000	
	275,000	275,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead						Est. Completion Date						
2017	January 23, 2021	Growth: 0.0 % Maintenance: 0.0 %	Mike Clement/ Trevor Duquette						2026						



Project Version Summary

Project #	PFO-010-20	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type		Division	Parks
Title	Park Bench Replacement Program		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
To establish a program for the annual replacement of benches that are deemed to be unsafe and in a state of disrepair. As a result of the Accessibility for Ontarians with Disabilities Act (AODA) requirements when benches are due for replacement they are to be removed and replaced with handicap accessible benches. The cement pads that the benches are placed must also meet AODA standards requiring larger cement bases, which is a significant increase to the cost. Without these funds benches will need to be removed and not replaced. Trails are the most significant park feature for the community as identified in the Parks Master Plan. Benches are an important component of the trail system. This budget funding supports the asset management plan initiative as per Council report 129/2019.				There are approximately 1,500 benches located throughout various Parks which are being tracked by Parks operations. There are various types of benches located within parkland such as wood, metal and concrete with various styles. A significant number of these benches are well beyond their useful lives and are in need of replacement. It is estimated that 78% of the existing bench asset inventory are in need of repairs. The department is recommending that a budget is established for the replacement of benches that would allow for the current inventory of benches to be replaced over a 10 year period which would provide an enhanced level of service to the bench replacement program.											
Project Comments/Reference				Version Comments											
7209007															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	50,000	50,000	0	2230 Infrastructure Maint. Material											
2021	50,000	50,000	0			50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	0	400,000
2022	50,000	50,000	0	Total		50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	0	400,000
2023	50,000	50,000	0	Revenues											
2024	50,000	50,000	0	221 Service Sustainability Investm											
2025	50,000	50,000	0			50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	0	400,000
2026	50,000	50,000	0	Total		50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	0	400,000
2027	50,000	50,000	0												
2028+	0	0	0												
400,000		400,000	0												
Historical Approved Budget															
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2020		Growth: 0.0 % Maintenance: 100.0 %		James Chacko					TBD						



Project Version Summary

Project #	PFO-011-12	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Beautification of Civic Gateways and Other Open Spaces		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
Projects include new Civic Gateways and Open Space development projects at various locations across Windsor. City beautification includes any open space development project undertaken on City owned property. In 2009, CR301/2009 approved funding of \$2.5M for the Civic Gateways (PFO-004-09/7081902). Further beautification efforts adding to our gateway initiatives include Lauzon Parkway at E.C. Row and Wyandotte Street East Median Improvements. In 2020, the Lauzon Parkway medians from E.C. Row to Tecumseh Rd East will be improved.				2022: Lauzon Parkway completion 2023: Huron Line, Giles and Walker median work											
Project Comments/Reference				Version Comments											
7129006															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	0	0	0			0	0	500,000	1,500,000	0	0	300,000	300,000	400,000	3,000,000
2022	500,000	500,000	0	Total		0	0	500,000	1,500,000	0	0	300,000	300,000	400,000	3,000,000
2023	1,500,000	1,500,000	0	Revenues											
2024	0	0	0	169 Pay As You Go - Capital Reserve											
2025	0	0	0			0	0	500,000	1,500,000	0	0	300,000	300,000	400,000	3,000,000
2026	300,000	300,000	0	Total		0	0	500,000	1,500,000	0	0	300,000	300,000	400,000	3,000,000
2027	300,000	300,000	0												
2028+	400,000	400,000	0												
	3,000,000	3,000,000	0												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2012	125,000	125,000	0												
2014	104,000	104,000	0												
2015	200,000	200,000	0												
2016	215,000	215,000	0												
Related Projects				Operating Budget Impact											
				Effective Date		Description								Exp/(Rev)	FTE Impact
				Unknown		The changes made to City gateways and corridors have a significant impact on the level of service provided by Parks operations and horticulture staff. Major initiatives requiring significant resource impact the capacity of the Parks department to maintain sports fields and core functions throughout the City.								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2012	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		Mike Clement				Ongoing							



Project Version Summary

Project #	PFO-011-20	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	ICIP -Constr'n of Civic Plaza Linking to Enhanced Riverfront Parks System - Connecting People/Places		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 3, Ward 4		
Version Name	Main (Active)		

Project Description				Version Description											
Construction of a Civic Square and Civic Esplanade which connects via Pedestrian crossing to the riverfront including the Festival Plaza and Great West Park and connecting further east to the new Walkerville Parkette creating a gateway to the Walkerville District.															
Project Comments/Reference				Version Comments											
				Note: As per CR529/2019, C 167/2019, all funding is a placeholder now subject to a decision on whether or not the grant funding is awarded, at which point will determine how the funding is to be directed and pre-committed.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	4,667,881	4,667,881	0	5410	Construction Contracts - TCA										
2021	1,800,000	1,800,000	0		4,667,881	1,800,000	4,229,621	2,926,540	3,117,540	2,941,945	727,000	300,000	0	20,710,527	
2022	4,229,621	4,229,621	0		Total										
2023	2,926,540	2,926,540	0		4,667,881	1,800,000	4,229,621	2,926,540	3,117,540	2,941,945	727,000	300,000	0	20,710,527	
2024	3,117,540	3,117,540	0	Revenues											
2025	2,941,945	2,941,945	0	126	Dev Chg - Park Development										
2026	727,000	727,000	0		314,478	0	0	0	0	0	0	0	0	314,478	
2027	300,000	300,000	0	169	Pay As You Go - Capital Reserve										
2028+	0	0	0		4,338,405	1,663,490	3,806,659	2,926,540	1,829,540	2,687,945	727,000	0	0	17,979,579	
	20,710,527	20,710,527	0	221	Service Sustainability Investm										
					14,998	136,510	422,962	0	1,288,000	254,000	0	300,000	0	2,416,470	
				6310	Ontario Specific Grants										
					0	0	0	0	0	0	0	0	0	0	
				6320	Canada Specific Grants										
					0	0	0	0	0	0	0	0	0	0	
					Total	4,667,881	1,800,000	4,229,621	2,926,540	3,117,540	2,941,945	727,000	300,000	0	20,710,527
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2020		Growth: 99.7 % Maintenance: 0.3 %	Michael Clement/France Tunks	TBD											



Project Version Summary

Project #	PFO-012-12	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Park Trails Capital Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 Repairs are required to regularly maintain asphalt and granular base trails making them safe and thereby decreasing litigation and claims. There is a growing backlog of required trail repairs which are replaced as far as funding will allow. Repairs, resurfacing, bollards, curb maintenance, safety markings and signs are all potential replacements. There are over 120 kms of trails in our system and ongoing refurbishment of sections of trails are necessary to maintain a safe and usable overall trail system.
 The average life span of an asphalt trail is 15-20 years. Major trails such as the Ganatchio Trail south, Grande Marais trail, Southwood Lakes and inter park trails are approaching the end of their lifecycle. Parks currently maintains over 120km of trails in the system. The 2017 Parks Master Plan identified trails to be one of the most important recreational amenities in parks.

Version Description
 Asset management plan is being developed which will incorporate conditional assessment reports which will identify the trails in need of replacement. Priority will be given to those areas based on inspection results and listing of trails will be detailed each year based upon funding available.

Project Comments/Reference
 (7129012 Closed)/7161026/7181041/7184007

Version Comments
 PRE-COMMITMENT:
 Note: As per CR78/2019, Report # S 10/2019, Council approved a reallocation of \$36,000 to cover the costs associated with Hall Farms Pathways to come from ECB-002-18 - Walking Path - Daytona to California. All funds are being tracked in project id 7161026 - Trails Repairs.

 CR577/2019, report # C 178/2019 approved a pre-commitment to the 2020 Capital Budget on Nov. 18/19. -\$200,000.

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	200,000	200,000	0
2021	200,000	200,000	0
2022	600,000	600,000	0
2023	0	0	0
2024	200,000	200,000	0
2025	200,000	200,000	0
2026	200,000	200,000	0
2027	0	0	0
2028+	700,000	700,000	0
	2,300,000	2,300,000	0

Project Detailed Forecast		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses											
5410	Construction Contracts - TCA	200,000	200,000	600,000	0	200,000	200,000	200,000	0	700,000	2,300,000
	Total	200,000	200,000	600,000	0	200,000	200,000	200,000	0	700,000	2,300,000
Revenues											
151	Parks/Rec/Facil Acquis Funding	0	0	0	0	0	0	200,000	0	700,000	900,000
221	Service Sustainability Investm	200,000	200,000	600,000	0	200,000	200,000	0	0	0	1,400,000
	Total	200,000	200,000	600,000	0	200,000	200,000	200,000	0	700,000	2,300,000

Historical Approved Budget		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2016	200,000	200,000	0
2017	200,000	200,000	0
2019	736,000	736,000	0

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
2012	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %	Mike Clement	Ongoing	
			Effective Date	Description	Exp/(Rev) FTE Impact
			Unknown	The increase in trial replacement reduces the operational repairs and maintenance for older trails at the end of their expected life.	0 0



Project Version Summary

Project #	PFO-012-17	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Central Park Tennis Court (Repave, New Nets, Paint)		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description				Version Description											
As per the approved 2017 enhanced Capital Budget 5-year plan. Project to repave the tennis courts and install new nets and painting.				CR431/2018 allocated \$45,000 from project 7102003 to cover the additional cost. Project 7102003 is funded from the Pumping Station pollution control reserve which is 100% Sewer Surcharge funding, as such this funding source cannot be used. Administration has allocated \$45,000 in 2019 to correct this and ensure the project has an appropriate funding source identified for the work. CR431/2018 will be rescinded pending approval of this project during Capital Budget deliberations and funding returned back to 7102003.											
Project Comments/Reference				Version Comments											
				PRE-COMMITMENT: CR528/2017, Report C 143/2017 approved a pre-commitment of \$100,000 in 2021.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	100,000	100,000	0		0	100,000	0	0	0	0	0	0	0	0	100,000
2022	0	0	0	Total	0	100,000	0	0	0	0	0	0	0	0	100,000
2023	0	0	0	Revenues											
2024	0	0	0	221	Service Sustainability Investm										
2025	0	0	0		0	100,000	0	0	0	0	0	0	0	0	100,000
2026	0	0	0	Total	0	100,000	0	0	0	0	0	0	0	0	100,000
2027	0	0	0												
2028+	0	0	0												
	100,000	100,000	0												
Historical Approved Budget															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2019	45,000	45,000	0												
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2017	January 23, 2021	Growth: 0.0 % Maintenance: 0.0 %	Mike Clement	2021											



Project Version Summary

Project #	PFO-013-12	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Park-Related Parking Lots Capital Upgrades		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description																			
Parking lots are an ongoing program that requires continuous upgrades to meet the needs of users and the standards set out by the City of Windsor By-laws. The parks and recreation system has over 80 parking lots of various sizes and conditions. The existing parking lot surfaces range from simple gravel lots to curbed paved and drained lots built to the current city standards. On average the one parking lot per year is renovated or rebuilt. A parking lot condition report will be carried out in 2019 in conjunction with the asset management plan.				2020: Jackson Park parking lot - \$500,000 2021: Forest Glade Parking Lot- \$200,000 2022-2025: Malden Park parking lot on Matchette Rd \$850,000 2026: Malden Park parking lot for Visitor Centre \$500,000 2027 to 2028+: Mic Mac parking lots Conditional assessment reports will be developed which will allow for parking lot replacements to be identified and prioritized.																			
Project Comments/Reference				Version Comments																			
(7129007 Closed) 7159012 / 7181026 / 7191036				PRE-COMMITMENT: As per CR211/2018, City Council approved a pre-commitment of \$500,000 in 2019 and \$500,000 in 2020 for Jackson Park parking lots, lanes and connecting trails. Per CR111/2020, City council approved a pre-commitment of \$200,000 in 2022 for Riverside Baseball Park- Parking lot project. Of note, B8/2019 has resulted in some or all of the original PAYG funding to be identified as Service Sustainability F221 funding.																			
Project Forecast				Project Detailed Forecast																			
		Revenue																					
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total									
2020	500,000	500,000	0	Expenses																			
2021	200,000	200,000	0	5410 Construction Contracts - TCA																			
2022	200,000	200,000	0	500,000 200,000 200,000 200,000 100,000 350,000 500,000 200,000 2,300,000 4,550,000																			
2023	200,000	200,000	0	Total 500,000 200,000 200,000 200,000 100,000 350,000 500,000 200,000 2,300,000 4,550,000																			
2024	100,000	100,000	0	Revenues																			
2025	350,000	350,000	0	169 Pay As You Go - Capital Reserve																			
2026	500,000	500,000	0	125,000 50,000 50,000 50,000 25,000 25,000 0 0 0 325,000																			
2027	200,000	200,000	0	221 Service Sustainability Investm																			
2028+	2,300,000	2,300,000	0	375,000 150,000 150,000 150,000 75,000 325,000 500,000 200,000 2,300,000 4,225,000																			
	4,550,000	4,550,000	0	Total 500,000 200,000 200,000 200,000 100,000 350,000 500,000 200,000 2,300,000 4,550,000																			
Historical Approved Budget																							
		Revenue																					
Year	Total Expense	Net City Cost	Subsidies																				
2012	75,000	75,000	0																				
2019	1,000,000	1,000,000	0																				
Related Projects				Operating Budget Impact																			
				<table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Effective Date</th> <th style="text-align: left;">Description</th> <th style="text-align: right;">Exp/(Rev)</th> <th style="text-align: right;">FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>The level of capital replacements will impact the repair and maintenance costs on park operations. The longer the projects are deferred the increase in the level of repairs are required in each parking lot.</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>												Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	The level of capital replacements will impact the repair and maintenance costs on park operations. The longer the projects are deferred the increase in the level of repairs are required in each parking lot.	0	0
Effective Date	Description	Exp/(Rev)	FTE Impact																				
Unknown	The level of capital replacements will impact the repair and maintenance costs on park operations. The longer the projects are deferred the increase in the level of repairs are required in each parking lot.	0	0																				
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date																			
2012	January 1, 2019	Growth: 25.0 % Maintenance: 75.0 %	Mike Clement	2024+																			



Project Version Summary

Project #	PFO-014-12	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Park Community Partnership Initiatives		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description										
Partnerships can include any user group wishing to contribute funding to a project for the improvement of any park asset, facility or space within the community. Partnership projects will be presented to and approved by Council on a project by project basis.														
Project Comments/Reference				Version Comments										
7129015														
Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	25,000	25,000	0	5410	Construction Contracts - TCA									
2021	25,000	25,000	0		25,000	25,000	25,000	25,000	25,000	25,000	0	0	75,000	225,000
2022	25,000	25,000	0		Total									
2023	25,000	25,000	0		25,000	25,000	25,000	25,000	25,000	25,000	0	0	75,000	225,000
2024	25,000	25,000	0	Revenues										
2025	25,000	25,000	0	169	Pay As You Go - Capital Reserve									
2026	0	0	0		25,000	25,000	25,000	25,000	25,000	25,000	0	0	75,000	225,000
2027	0	0	0		Total									
2028+	75,000	75,000	0		25,000	25,000	25,000	25,000	25,000	25,000	0	0	75,000	225,000
	225,000	225,000	0											
Historical Approved Budget														
		Revenue												
Year	Total Expense	Net City Cost	Subsidies											
2012	275,000	25,000	250,000											
2013	25,000	25,000	0											
2014	25,000	25,000	0											
2015	25,000	25,000	0											
2016	25,000	25,000	0											
2017	25,000	25,000	0											
2019	25,000	25,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description							Exp/(Rev)	FTE Impact	
				Unknown	The commissioning of new park amenities results in pressures on the maintenance and operating budget.						0	0		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2012	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %	Mike Clement	Ongoing										



Project Version Summary

Project #	PFO-015-12	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Parks Master Plan		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description												
The Parks Master Plan was last updated in 2017. This program created a new document that defines and shapes our parks system for the foreseeable future. This master plan is living document aligned with the City's capital budget forecast and will be updated every 5 years with attainable goals. This master plan will be phased in and adjusted periodically through internal strategic reviews.				2021/ 2022- Update to Master Plan 2026- Master plan revisions 2027- Update to Master Plan 2028+: Master plan revisions												
Project Comments/Reference				Version Comments												
7129013																
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total		
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2020	0	0	0	2980	Contracted Services											
2021	50,000	50,000	0		0	0	50,000	0	0	0	125,000	50,000	100,000	325,000		
2022	50,000	50,000	0	8110	Salary-Reg.Full Time											
2023	0	0	0		0	50,000	0	0	0	0	0	0	0	50,000		
2024	0	0	0	Total												
2025	0	0	0		0	50,000	50,000	0	0	0	125,000	50,000	100,000	375,000		
2026	125,000	125,000	0	Revenues												
2027	50,000	50,000	0	121	Dev Chg - General											
2028+	100,000	100,000	0		0	50,000	0	0	0	0	0	0	0	50,000		
375,000		375,000		0		221 Service Sustainability Investm										
				Total												
					0	50,000	50,000	0	0	0	125,000	50,000	100,000	375,000		
Historical Approved Budget																
		Revenue														
Year	Total Expense	Net City Cost	Subsidies													
2013	140,000	140,000	0													
Related Projects				Operating Budget Impact												
				Effective Date	Description								Exp/(Rev)	FTE Impact		
				Unknown	Master Plan will guide future investment and prioritization of operating budget funding allocation based upon determined level of service.								0	0		
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date							
2012	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		Mike Clement					Ongoing							



Project Version Summary

Project #	PFO-016-12	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Parkland Acquisitions		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
This general parkland acquisition & development project is used for purchases and development of lands for parks, as these lands become available. The acquisition and disposition of parkland is necessary to balance the system and provide an even distribution of parkland in all classifications to service the needs of residents as per the City of Windsor Official Plan.															
Project Comments/Reference				Version Comments											
(Closed: 7129014)/7181019															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	0	0	0	2950	Other Prof Services-External										
2021	0	0	0		0	0	0	0	0	0	0	0	150,000	150,000	
2022	0	0	0		0	0	0	0	0	0	0	0	150,000	150,000	
2023	0	0	0		0	0	0	0	0	0	0	0	150,000	150,000	
2024	0	0	0		0	0	0	0	0	0	0	0	150,000	150,000	
2025	0	0	0		0	0	0	0	0	0	0	0	150,000	150,000	
2026	0	0	0		0	0	0	0	0	0	0	0	150,000	150,000	
2027	0	0	0		0	0	0	0	0	0	0	0	150,000	150,000	
2028+	150,000	150,000	0		0	0	0	0	0	0	0	0	150,000	150,000	
	150,000	150,000	0												
Historical Approved Budget				Revenues											
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	151	Parks/Rec/Facil Acquis Funding										
2018	13,000	13,000	0		0	0	0	0	0	0	0	0	150,000	150,000	
					0	0	0	0	0	0	0	0	150,000	150,000	
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2012	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %	Mike Clement	Ongoing											



Project Version Summary

Project #	PFO-017-12	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Playground Equipment Removal		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Playground Equipment Removal (Active)		

Project Description	This project is required to fund the removal of playground equipment which is either being removed and not replaced or does not meet safety standards. The playground equipment audit is completed every five years with the expenditures being allocated to this project. The removal of non-compliant equipment to clear areas will mitigate possible future injuries and claims.	Version Description	This project will fund the removal of playground equipment that have been identified as not being replaced as identified in Council report 142/2017. All costs to restore the park after the removal of the playground equipment will be included in this project.
----------------------------	---	----------------------------	--

Project Comments/Reference	7129009	Version Comments	
-----------------------------------	---------	-------------------------	--

Project Forecast				Project Detailed Forecast											
Year	Total Expense	Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
		Net City Cost	Subsidies												
2020	100,000	100,000	0	5410 Construction Contracts - TCA											
2021	100,000	100,000	0		100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000	
2022	100,000	100,000	0	Total	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000	
2023	100,000	100,000	0												
2024	100,000	100,000	0	151 Parks/Rec/Facil Acquis Funding											
2025	100,000	100,000	0		0	0	0	0	0	0	100,000	100,000	100,000	300,000	
2026	100,000	100,000	0	221 Service Sustainability Investm											
2027	100,000	100,000	0		100,000	100,000	100,000	100,000	100,000	100,000	0	0	0	600,000	
2028+	100,000	100,000	0	Total	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000	
	900,000	900,000	0												

Historical Approved Budget			
Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2012	100,000	100,000	0
2013	154,000	154,000	0
2014	162,468	162,468	0
2015	158,500	158,500	0
2016	150,000	150,000	0
2017	100,000	100,000	0
2019	100,000	100,000	0

Related Projects		Operating Budget Impact	
-------------------------	--	--------------------------------	--

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2012	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	James Chacko	Ongoing



Project Version Summary

Project #	ECB-023-18	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks Development
Title	Realtor Park - Path		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 6		
Version Name	Main (Active)		

Project Description				Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				Installation of an asphalt multi-use path around the perimeter of the park is proposed to connect existing amenities for accessibility and trail related activities. If approved, this project will be tendered for construction in the Spring of 2018.											
Project Comments/Reference				Version Comments											
Consolidate with 7171056 Realtor Splash Pad Washroom (Community Park)				PRE-COMMITMENT: CR123/2018, Report # C 20/2018 approved a pre-commitment of \$475,000 in 2020.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	475,000	475,000	0	5410	Construction Contracts - TCA										
2021	0	0	0		475,000	0	0	0	0	0	0	0	0	0	475,000
2022	0	0	0		Total	475,000	0	0	0	0	0	0	0	0	475,000
2023	0	0	0	Revenues											
2024	0	0	0	169	Pay As You Go - Capital Reserve										
2025	0	0	0		475,000	0	0	0	0	0	0	0	0	0	475,000
2026	0	0	0		Total	475,000	0	0	0	0	0	0	0	0	475,000
2027	0	0	0												
2028+	0	0	0												
	475,000	475,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2018	March 1, 2018	Growth: 100.0 % Maintenance: 0.0 %		Mark Friel					TBD						



Project Version Summary

Project #	PFO-007-17	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks Development
Title	Washrooms at Alexander Park		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 5		
Version Name	Main (Active)		

Project Description				Version Description											
Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan.				Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan.											
Project Comments/Reference				Version Comments											
7171070				PRE-COMMITMENT: CR201/2017, Report # C 49/2017 approved a pre-commitment of \$250,000 in 2021. CR298/2019, Report # C 110/2019 approved a pre-commitment of \$370,000 in 2021											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	620,000	620,000	0		0	620,000	0	0	0	0	0	0	0	620,000	
2022	0	0	0				0	0	0	0	0	0	0		
2023	0	0	0				0	0	0	0	0	0	0		
2024	0	0	0				0	0	0	0	0	0	0		
2025	0	0	0				0	0	0	0	0	0	0		
2026	0	0	0				0	0	0	0	0	0	0		
2027	0	0	0				0	0	0	0	0	0	0		
2028+	0	0	0				0	0	0	0	0	0	0		
	620,000	620,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2017	January 23, 2021	Growth: 0.0 % Maintenance: 0.0 %	Mike Clement	2021											



Project Version Summary

Project #	PFO-009-12	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks Development
Title	Park Bridges/Shelters/Buildings/Capital Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
This capital program includes replacement and renovations of bridges, shelters, buildings and other park structures which may need replacement. Bridge and culvert inspection are carried out by Public Works to prioritize repairs and replacements.				2022: Ojibway Park Building (Phase 2)- \$168,000 2023: East End Yard Design - \$100,000 2024: Jackson Park Picnic Shelter - \$100,000 2025: Little River Corridor Bridges- \$100,000 2026: Little River Corridor Bridges- \$132,000 2027/ 2028+:East End Yard Renovations											
Project Comments/Reference				Version Comments											
7171027/ 7192003/ 7171065 7129005 (Closed)															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA		0	0	168,000	100,000	100,000	100,000	132,000	1,300,000	3,832,000	5,732,000
2021	0	0	0	Total		0	0	168,000	100,000	100,000	100,000	132,000	1,300,000	3,832,000	5,732,000
2022	168,000	168,000	0	Revenues											
2023	100,000	100,000	0	221 Service Sustainability Investm		0	0	168,000	100,000	100,000	100,000	132,000	1,300,000	3,832,000	5,732,000
2024	100,000	100,000	0	Total		0	0	168,000	100,000	100,000	100,000	132,000	1,300,000	3,832,000	5,732,000
2025	100,000	100,000	0												
2026	132,000	132,000	0												
2027	1,300,000	1,300,000	0												
2028+	3,832,000	3,832,000	0												
	5,732,000	5,732,000	0												
Historical Approved Budget															
Year	Total Expense	Net City Cost	Subsidies												
2012	50,000	50,000	0												
2013	50,000	50,000	0												
2014	50,000	50,000	0												
2015	50,000	50,000	0												
2016	50,000	50,000	0												
2017	50,000	50,000	0												
2019	300,000	300,000	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description							Exp/(Rev)	FTE Impact		
				Unknown	Capital projects may yield lower repair costs incurred by operating department depending upon the level of structure repairs.							0	0		
Year Identified	Start Date	Project Type for 2020	Project Lead									Est. Completion Date			

2012	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Mike Clement	Ongoing
------	-----------------	----------------------------------	--------------	---------



Project Version Summary

Project #	ECB-038-18	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Recreation & Culture
Asset Type	Unassigned	Division	Admin - Recreation & Culture
Title	Windsor International Film Festival (WIFF)		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description				Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				Allocated funds will be used towards projection and sound (\$133,780), website and mobile application redesign (\$41,220), ticketing system (\$25,000), renovations, furnishings, supplies, signage for permanent office and box office space (\$50,000). In this particular case, full placeholder costs are being requested to be used in 2018 to ensure that the festival receive the full \$250,000 immediately.											
Project Comments/Reference				Version Comments											
7183014				PRE-COMMITMENT: CR123/2018, Report # C 20/2018 approved a pre-commitment of \$250,000 in 2020.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	250,000	250,000	0	5410	Construction Contracts - TCA										
2021	0	0	0		250,000	0	0	0	0	0	0	0	0	0	250,000
2022	0	0	0		Total										250,000
2023	0	0	0	Revenues											
2024	0	0	0	169	Pay As You Go - Capital Reserve										
2025	0	0	0		250,000	0	0	0	0	0	0	0	0	0	250,000
2026	0	0	0		Total										250,000
2027	0	0	0												
2028+	0	0	0												
	250,000	250,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2018	March 1, 2018	Growth: 100.0 % Maintenance: 0.0 %	Cathy Masterson	TBD											



Project Version Summary

Project #	PFO-003-20	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Recreation & Culture
Asset Type	Unassigned	Division	Admin - Recreation & Culture
Title	Holiday Lights Capital Maintenance		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description				Version Description											
Holiday Lights requires funding for ongoing repair, replacement and maintenance of lights and other equipment.				Bright Lights requires an annual allotment for various repairs and maintenance to address unexpected needs and to perform proper maintenance as needed.											
Project Comments/Reference				Version Comments											
7171089															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	44,199	44,199	0	5411 Construction Contracts-Non TCA											
2021	50,000	50,000	0			44,199	50,000	50,000	105,801	50,000	50,000	50,000	50,000	50,000	500,000
2022	50,000	50,000	0												
2023	105,801	105,801	0												
2024	50,000	50,000	0												
2025	50,000	50,000	0	Revenues											
2026	50,000	50,000	0	221 Service Sustainability Investm											
2027	50,000	50,000	0			44,199	50,000	50,000	105,801	50,000	50,000	50,000	50,000	50,000	500,000
2028+	50,000	50,000	0												
	500,000	500,000	0			Total	44,199	50,000	50,000	105,801	50,000	50,000	50,000	50,000	500,000
Historical Approved Budget				Operating Budget Impact											
				Effective Date	Description									Exp/(Rev)	FTE Impact
				Unknown	The lack of capital funding would result in deferral of repairs and increase the likelihood to additional spending in the operating budget.									0	0
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2020	January 1, 2020	Growth: 0.0 % Maintenance: 100.0 %	Ray Mensour	Ongoing											



Project Version Summary

Project #	REC-001-08	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Recreation & Culture
Asset Type	Unassigned	Division	Community Centres & Programming
Title	The WFCU Centre Transitional Budget		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards			
Version Name	Main (Active)		

Project Description				Version Description											
Additional funds required due to the Miracle Diamond shortfall in land sales which was to fund the business case plan for the development of the WFCU centre.				As per report # C 72/2017 re the Proposed Redevelopment of the Riverside Arena Site, revised projections to fund the East End WFCU pool materialized in an estimated \$400k shortfall from the initial \$1.8m projection.											
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	0	0	0		0	0	400,000	0	0	0	0	0	0	400,000	
2022	400,000	400,000	0	Total	0	0	400,000	0	0	0	0	0	0	400,000	
2023	0	0	0	Revenues											
2024	0	0	0	169 Pay As You Go - Capital Reserve											
2025	0	0	0		0	0	400,000	0	0	0	0	0	0	400,000	
2026	0	0	0	Total	0	0	400,000	0	0	0	0	0	0	400,000	
2027	0	0	0												
2028+	0	0	0												
	400,000	400,000	0												
Historical Approved Budget				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2008	January 1, 2008	Growth: 0.0 % Maintenance: 0.0 %	Jan Wilson	Jan 01, 2009											



Project Version Summary

Project #	REC-002-14	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Recreation & Culture
Asset Type	Unassigned	Division	Community Centres & Programming
Title	Relocation of Sandpoint Beach		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 7		
Version Name	Main (Active)		

Project Description

On March 4, 2013 Council approved B3/2013 "That the report from the Executive Director of Recreation and Culture regarding the provision of lifeguards at Sandpoint Beach BE RECEIVED and further that the reinstatement of funds for the lifeguards in the amount of \$60,272 in the 2013 operating budget as part of the base budget BE APPROVED, and further, that the option of moving the beach further east on the property BE REFERRED to future Capital Budget deliberations".

Included in the March 4, 2013 report was information on the audit of Sandpoint Beach by the Lifesaving Society. Regarding the location of the beach, the Lifesaving Society audit included the following: Primary Recommendation Number 6 – Restrict access to the western edge of the supervised beach. The recommendation states in part, "Beach and water access to the western edge of the beach should be restricted. The City may also want to consider closing this beach in favour of moving it further eastwards. At a minimum, beach patrons should be restricted from accessing this area of the beach by installing additional fencing which will reduce the designated beach area." Amenities currently at the beach include a play ground, sand volleyball court, picnic tables and a kayak/wind surfing launch area.

The redevelopment would move Sandpoint Beach further east on the property. With this option, the existing beach at the western location would be renovated and converted to land use only, including shoreline improvements that would serve to discourage access to the water in this section. The public beach access would be moved further east and would be smaller in size than the current beach. The opportunity exists at Sandpoint Beach to create a master plan for future development that will take advantage of this valuable asset on the waterfront. Additional engineering consultation would be required from a number of regulatory bodies for a full scope. For example, a new groin may be required depending on the currents to trap sand in order to facilitate retention of sand at the new location. It may be possible to phase this project, with the first phase providing functional amenities, and additional phases providing amenities to enhance the use of the park.

Project Comments/Reference

7209003

Version Description

The redevelopment of the property and has the highest capital budget impact. Administration has completed a preliminary capital cost estimate for the project including shoreline improvements, infrastructure requirements, landscape requirements and other amenities. Consulting with the regulatory bodies for further detailed estimates will be required. Administration recognizes that funds are not available for a project of this magnitude at this time, however, this project could be considered for a future project should grants become available from senior levels of government. Traditionally, shoreline protection has been cost shared with senior levels of government. The operating budget impact incorporates the reinstatement of the costs for the lifeguarding component of the operation. Depending on additional amenities desired for this space (i.e. sand volleyball courts, accessible playground, splash pad) additional operating budget requirements would be identified.

In February 2018, CR 83/2018 was approved requesting an estimate from administration to conduct a preliminary study. The requested \$250,000 is for phase 1 of the capital project, to conduct the necessary environmental assessment in order to become aware of potential long-term options for the site. Based on the results of this assessment, administration will be much better equipped to provide the requirements for future funding and planning needed for a long-term solution.

Version Comments

Project Forecast				Project Detailed Forecast										
Year	Total Expense	Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
		Net City Cost	Subsidies											
2020	22,500	22,500	0	Expenses										
2021	0	0	0	5410	Construction Contracts - TCA									
2022	0	0	0		22,500	0	0	0	227,500	0	0	0	5,000,000	5,250,000
2023	0	0	0		Total									
2024	227,500	227,500	0		22,500	0	0	0	227,500	0	0	0	5,000,000	5,250,000
2025	0	0	0	Revenues										
2026	0	0	0	126	Dev Chg - Park Development									
2027	0	0	0		22,500	0	0	0	0	0	0	0	0	22,500
2028+	5,000,000	5,000,000	0	169	Pay As You Go - Capital Reserve									
	5,250,000	5,250,000	0		0	0	0	0	40,000	0	0	0	1,250,000	1,290,000
				221	Service Sustainability Investm									
					0	0	0	0	187,500	0	0	0	3,750,000	3,937,500
					Total									
					22,500	0	0	0	227,500	0	0	0	5,000,000	5,250,000
Historical Approved Budget														
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	Should the reconfiguration of Sandpoint Beach result in the same size and basic design as the existing beach, there would be no impact to the operating budget. However, if the reconfiguration results in an expanded size, and if the amenities attract additional attendance, there is a potential for the requirement to increase the number of lifeguards up to an additional 3 part time guards. This would result in an additional cost in wages of approximately \$23,300.								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date					
2014	September 1, 2024	Growth: 100.0 % Maintenance: 0.0 %		Ray Mensour & Jen Knights					2024+					



Project Version Summary

Project #	REC-003-07	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Recreation & Culture
Asset Type	Unassigned	Division	Community Centres & Programming
Title	Municipal Pools Refurbishment Program		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 Upgrades/refurbishments to municipal pools are required to ensure that they remain functional and do not pose a hazard. The infrastructure we currently have must be maintained in order to ensure continued high customer service standards. Prioritizing pool improvements to ensure they remain functional is the objective of this capital request. The possibility of procuring external subsidies with various levels of government bodies will be explored.

Version Description
 Recreation and Culture's pool infrastructure must be maintained in order to ensure continued high customer service standards. Prioritizing pool improvements to ensure they remain functional is the objective of this capital request.

Project Comments/Reference
 7069034
 See Document Attached

Version Comments
 As per CR276/2018, Council approved a pre-commitment of \$967,000 in 2022 for the Universal and Accessible Pool and Change Room Facility at Lanspeary Park. As per B30/2019, council report C 53/2019, commitment in 2022 is rescinded based on additional FGT announced in 2019.
 Funds are to be used for the Universal and Accessible Pool and Change Room Facility at Lanspeary Park. Available/freed-up F169 PAYG funding from one-time FGT is reallocated to project recommendation as per Table 2 of the report.

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	433,280	433,280	0
2021	100,000	100,000	0
2022	300,000	300,000	0
2023	180,000	180,000	0
2024	150,000	150,000	0
2025	2,390,201	2,390,201	0
2026	2,950,000	2,950,000	0
2027	2,750,000	2,750,000	0
2028+	8,104,000	8,104,000	0
	17,357,481	17,357,481	0

Project Detailed Forecast		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses											
5410	Construction Contracts - TCA	433,280	100,000	300,000	180,000	150,000	2,390,201	2,950,000	2,750,000	8,104,000	17,357,481
Total		433,280	100,000	300,000	180,000	150,000	2,390,201	2,950,000	2,750,000	8,104,000	17,357,481
Revenues											
125	Dev Chg - Indoor Recreation	90,000	90,000	90,000	0	0	0	0	0	0	270,000
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	750,000	0	750,000
221	Service Sustainability Investm	343,280	10,000	210,000	180,000	150,000	2,390,201	2,950,000	2,000,000	8,104,000	16,337,481
Total		433,280	100,000	300,000	180,000	150,000	2,390,201	2,950,000	2,750,000	8,104,000	17,357,481

Historical Approved Budget		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2008	466,000	466,000	0
2009	550,839	550,839	0
2010	1,000,000	1,000,000	0
2011	1,021,000	1,021,000	0
2014	325,000	325,000	0
2017	100,000	100,000	0
2019	1,057,000	1,057,000	0

Related Projects		Operating Budget Impact			
Follows	Project Title	Effective Date	Description	Exp/(Rev)	FTE Impact
REC-005-16	Gino & Liz Marcus Community Centre Family Change Room	Unknown	Should Council not approve operating budget issue #2018-0224 capital funds are required in the amount of \$1,470,000 over 2 years for the dectron, humidification system, mezzanine upgrades, hot/cold water balancing, pool drain and tiles.	0	0
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
2007	January 2, 2017	Growth: 0.0 % Maintenance: 100.0 %	Ray Mensour/Jen Knights	Ongoing	

Project #: REC-003-07						
Project Name: Refurbishment of Municipal Pools						
2020						
Outdoor Pools - General			Gino and Liz Marcus Indoor Pool			
Preventative maintenance with pumps and basins	60,000			Replace tables	3,280	
Aquatic play equipment	50,000	110,000		Replace aging banquet chairs	5,000	
				Gym lighting update	40,000	
Sandpoint Beach			Family Aquatic Centre (WIATC)			
Lifeguard station re-build	100,000	100,000		Landscape upgrades	10,000	
				Outdoor lighting upgrades	15,000	73,280
Remington Booster Outdoor Pool						
Pumps replaced	45,000			Touch pad replacement	10,000	
Repairs to slide tower access	25,000	70,000		Signage replacement water park	20,000	30,000
MYRTHA/Hollandia	50,000	50,000				
Total						433,280
2021						
Outdoor Pools						
Preventative maintenance with pumps and basins	50,000					
Spine board replacement	15,000					
Lifeguard chair replacement (x 6)	15,000					
Replace chlorinator pumps	20,000	100,000				
Total						100,000
2022						
Remington Booster Outdoor Pool						
Waterslide replacement	250,000					
Renovate washroom	50,000	300,000				
Total						300,000
2023						
Outdoor Pools - General			Family Aquatic Centre			
Preventative maintenance with pumps and basins	60,000			Diving board replacement	20,000	
Play equipment	50,000	110,000		Aquatic fitness (Yoga/SUP) Equipment	50,000	70,000
Total						180,000

Project #: REC-003-07					
Project Name: Refurbishment of Municipal Pools					
2024					
Lanspeary				Outdoor Pools	
Filters and pumps replacement	11,000			Preventative pump maintenance	60,000
Aquatic rock climbing wall	10,000			Chemtrol replacement	45,000
Diving board and stand replaced	14,000				
Equipment	10,000	45,000			
Total					150,000
2025					
Gino and Liz Marcus Pool					
Replace chemtrol system	10,201			Central	
Update fitness room equipment	100,000	110,201		Features refurbishment	50,000
Atkinson				Mic Mac	
Rebuild of pool tank	1,000,000			Rebuild of pool tank	1,000,000
Waterslide (Spray Pad)	200,000	1,200,000		Pool pump replacement	30,000
Total					2,390,201
2026					
Family Aquatic Centre (WIATC)				Central	
New water slide Adventure Bay	1,250,000			Rebuild of pool tank	1,000,000
Miscellaneous repairs	30,000			Surfacing maintenance	300,000
Replace inner tubes, mats and rafts	65,000				
Lane rope replacement	30,000				
Timing system (touch pad) replacement	100,000				
Replace all table and chairs in Adventure Bay	75,000				
Replace all signs in water park	75,000				
Programming equipment	25,000	1,650,000			
Total					2,950,000

Project #: REC-003-07					
Project Name: Refurbishment of Municipal Pools					
2027					
Riverside Centennial				Adie Knox Herman Pool	
Surfacing preventive maintenance	40,000			Mechanical Upgrades	1,150,000
Water slide addition	500,000			Pool and Facility Upgrades	900,000
Repair leak to splash pad	50,000	590,000			2,050,000
				Outdoor Pools - General	
				Preventative maintenance with pumps and basins	60,000
				Aquatic play equipment	50,000
					110,000
Total					2,750,000
2028+					
Riverside Centennial				Family Aquatic Centre (WIATC)	
Features refurbishment	40,000	40,000		Lane rope replacement (\$1000 per lane 50 metre long course)	10,000
				WIBIT play (pool) equipment	30,000
Recreation Master Plan Priorities/Asset Mgmnt	7,624,000	7,624,000		Theming replacement water park	100,000
				Replace all signs in water park	200,000
				Upgraded PA and sound system water park	100,000
					440,000
Total					8,104,000



Project Version Summary

Project #	REC-004-07	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Recreation & Culture
Asset Type	Unassigned	Division	Community Centres & Programming
Title	Recreation Facility Refurbishment Program		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 Ongoing upgrades to facilities and services available in municipal recreation areas. A recent review indicates that the median age of our community centres is approximately 45 years, with 87.5% of all of our community centres being 25+ years old.

Version Description
 Recreation Master Plan Priorities

Project Comments/Reference
 7069035/7159012
 See Document Attached

Version Comments

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	50,000	50,000	0
2021	50,000	50,000	0
2022	50,000	50,000	0
2023	50,000	50,000	0
2024	300,000	300,000	0
2025	50,000	50,000	0
2026	100,000	100,000	0
2027	50,000	50,000	0
2028+	1,299,500	1,299,500	0
	1,999,500	1,999,500	0

Project Detailed Forecast		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses											
5410	Construction Contracts - TCA										
		50,000	50,000	50,000	50,000	300,000	50,000	100,000	50,000	1,299,500	1,999,500
	Total	50,000	50,000	50,000	50,000	300,000	50,000	100,000	50,000	1,299,500	1,999,500
Revenues											
125	Dev Chg - Indoor Recreation										
		5,000	5,000	5,000	5,000	5,000	5,000	94,950	0	0	124,950
221	Service Sustainability Investm										
		45,000	45,000	45,000	45,000	295,000	45,000	5,050	50,000	1,299,500	1,874,550
	Total	50,000	50,000	50,000	50,000	300,000	50,000	100,000	50,000	1,299,500	1,999,500

Historical Approved Budget		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2007	80,000	80,000	0
2009	50,000	50,000	0
2010	150,000	150,000	0
2011	100,000	100,000	0
2012	50,000	50,000	0
2013	50,000	50,000	0
2014	282,000	282,000	0
2015	50,000	50,000	0
2016	50,000	50,000	0
2017	50,000	50,000	0
2019	50,000	50,000	0

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
2007	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %	Ray Mensour & Scott Bisson	Ongoing	
			Effective Date	Description	Exp/(Rev) FTE Impact
			Unknown	No Operating budget Impact	0 0



Project Version Summary

Project # REC-001-18 **Service Area** Office of Parks, Rec., Culture & Facilities
Budget Year 2020 **Department** Recreation & Culture
Asset Type Unassigned **Division** Cultural Affairs

Title Monument and Memorial Capital Repairs
Budget Status Council Approved Budget
Major Category Parks & Recreation
Wards
Version Name Main (Active)

Project Description				Version Description											
Capital repairs to monuments and memorials throughout the City of Windsor such as Boer War Monument, Centotaph, Polish monument and Freedom Way. Funds are required for repairs due to the public risk involved as the public tend to climb or get close to read particular monuments that are in need of repair.				Funds are required to commence repairs on the Boer War, Cenotaph, Polish monument and Freedom Way to reduce public risk.											
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	0	0	0			0	0	75,000	75,000	0	75,000	75,000	75,000	150,000	525,000
2022	75,000	75,000	0	Total		0	0	75,000	75,000	0	75,000	75,000	75,000	150,000	525,000
2023	75,000	75,000	0	Revenues											
2024	0	0	0	221 Service Sustainability Investm											
2025	75,000	75,000	0			0	0	75,000	75,000	0	75,000	75,000	75,000	150,000	525,000
2026	75,000	75,000	0	Total		0	0	75,000	75,000	0	75,000	75,000	75,000	150,000	525,000
2027	75,000	75,000	0												
2028+	150,000	150,000	0												
	525,000	525,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2018	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Cathy Masterson					Ongoing						



Project Version Summary

Project # ENG-033-17 **Service Area** Office of Parks, Rec., Culture & Facilities
Budget Year 2020 **Department** Recreation & Culture
Asset Type Unassigned **Division** Recreation Facilities

Title Feasibility Study - WFCU Arena
Budget Status Council Approved Budget
Major Category Parks & Recreation
Wards Ward 6
Version Name Main (Active)

Project Description			Version Description																		
As per the approved 2017 enhanced Capital Budget 5-year plan.																					
Project Comments/Reference			Version Comments																		
7171074			As per CR201/2017, Report C 49/2017, Council approved a pre-commitment of \$90,000 in 2021.																		
Project Forecast			Project Detailed Forecast																		
		Revenue																			
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total							
2020	0	0	0	Expenses																	
2021	90,000	90,000	0	5410 Construction Contracts - TCA																	
2022	0	0	0	0 90,000 0 0 0 0 0 0 0 0 0 0 0 90,000																	
2023	0	0	0	Total 0 90,000 0 0 0 0 0 0 0 0 0 0 0 90,000																	
2024	0	0	0	Revenues																	
2025	0	0	0	169 Pay As You Go - Capital Reserve																	
2026	0	0	0	0 90,000 0 0 0 0 0 0 0 0 0 0 0 90,000																	
2027	0	0	0	Total 0 90,000 0 0 0 0 0 0 0 0 0 0 0 90,000																	
2028+	0	0	0																		
	90,000	90,000	0																		
Historical Approved Budget																					
Related Projects			Operating Budget Impact																		
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date													
2017	January 23, 2017	Growth: 0.0 % Maintenance: 0.0 %	Ray Mensour					TBD													



Project Version Summary

Project #	HCP-011-07	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Recreation & Culture
Asset Type	Unassigned	Division	Recreation Facilities
Title	Willistead Complex Restoration Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 4		
Version Name	Main (Active)		

Project Description				Version Description											
<p>The Willistead Board of Directors Restoration Committee has identified a number of capital improvements designed to enhance the overall appearance of the facility as well as maintain its heritage and architectural integrity.</p> <p>The Board of Directors along with the Restoration Committee will review annually a priority list of capital replacements related to heritage and architectural integrity of the Willistead Complex.</p>				Improvements related to the heritage and architectural integrity within the Willistead Complex.											
Project Comments/Reference				Version Comments											
7075065															
Project Forecast				Project Detailed Forecast											
		<u>Revenue</u>		<u>GL Account</u>		<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	100,000	100,000	0	5411 Construction Contracts-Non TCA											
2021	0	0	0			100,000	0	0	0	0	0	0	0	0	100,000
2022	0	0	0												
2023	0	0	0												
2024	0	0	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	0	0	0												
	100,000	100,000	0	Revenues											
				135 Willistead Improvements											
						100,000	0	0	0	0	0	0	0	0	100,000
						100,000	0	0	0	0	0	0	0	0	100,000
Historical Approved Budget															
		<u>Revenue</u>		<u>GL Account</u>		<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2007	55,000	55,000	0	5411 Construction Contracts-Non TCA											
2008	50,000	50,000	0												
2010	50,000	50,000	0												
2011	25,000	25,000	0												
2012	25,000	25,000	0												
2013	25,000	25,000	0												
2014	25,000	25,000	0												
Related Projects				Operating Budget Impact											
				Effective Date		Description									
				Unknown		No operating budget impact.								Exp/(Rev) FTE Impact	
														0 0	

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2007	January 1, 2020	Growth: 0.0 % Maintenance: 100.0 %	Cathy Masterson	2020



Project Version Summary

Project #	REC-002-07	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Recreation & Culture
Asset Type	Unassigned	Division	Recreation Facilities
Title	Lakeview Park Marina Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 6, Ward 7		
Version Name	Main (Active)		

<p>Project Description</p> <p>Replacement of the docks at Lakeview Park Marina to floating docks.</p>	<p>Version Description</p> <p>Specific work identified at this time is as follows:</p> <ul style="list-style-type: none"> -replacement of the docks to floating docks - ongoing maintenance and general structural repairs -parking lot reconstruction -dredging
<p>Project Comments/Reference</p> <p>7171033 7061146 (Closed), 7161014 (Closed)</p>	<p>Version Comments</p> <p>PRE-COMMITMENTS: CR276/2019, Report C 98/2019 approved a pre-commitment of funds for the replacement of the docks at Lakeview Park Marina from the following sources: - Lakeview Park Marina (REC-002-07) - \$45,000 (F126) and \$100,000 (F126) in 2020, \$50,000 in 2022 and \$50,000 in 2023 - Moved from Central Riverfront Park Rehabilitation (PFO-001-14) - \$2,264,886 in 2021 and \$310,114 in 2022 *\$193,646 from 2021 commitment is now available in 2020- per 2020 Capital Budget In addition, Council approved the transfer of \$1,000,000 in 2024 from the Lakeview Park Marina (LPM) project to the Central Riverfront Park Improvement (CRIP) project to replace a portion of the CRIP funding that was allocated to LPM.</p> <p>N.B. Pending notification of an insurance claim settlement.</p> <p>CR553/2019, Report C 187/2019 (Lakeview Park Marina Floating Docks) went to Council on November 18, 2019 approving additional funding of \$2,000,000 for the replacement of docks, to be funded from: Reserve F176 2019 \$418,000 - F169 Pre-commit 2023 - \$900,000 maximum with the remaining balance \$682,000 be funded firstly from proceeds resulting from current insurance claim and then from F165 - Lakeview Park Marina Reserve.</p> <p>Of note, B8/2019 has resulted in some or all of the original PAYG funding to be identified as Service Sustainability F221 funding.</p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	1,393,646	811,646	582,000	5410	Construction Contracts - TCA										
2021	2,171,240	2,171,240	0		1,393,646	2,171,240	360,114	950,000	50,000	50,000	34,000	34,000	1,850,000	6,893,000	
2022	360,114	360,114	0		<hr/>										
2023	950,000	950,000	0		Total	1,393,646	2,171,240	360,114	950,000	50,000	50,000	34,000	34,000	1,850,000	6,893,000
2024	50,000	50,000	0	Revenues											
2025	50,000	50,000	0	126	Dev Chg - Park Development										
2026	34,000	34,000	0		338,646	0	0	0	0	0	0	0	0	338,646	
2027	34,000	34,000	0	160	Capital Expenditure Reserve										
2028+	1,850,000	1,850,000	0		0	0	0	0	0	0	0	0	0	0	
	6,893,000	6,311,000	582,000	165	Lakeview Park Marina										
					55,000	100,000	0	0	50,000	50,000	0	0	0	255,000	
				176	Federal Gas Tax Rebate										
					418,000	0	0	0	0	0	34,000	34,000	0	486,000	
				221	Service Sustainability Investm										
					0	2,071,240	360,114	950,000	0	0	0	0	1,850,000	5,231,354	
				6990	Other General Revenue										
					582,000	0	0	0	0	0	0	0	0	582,000	
					<hr/>										
				Total	1,393,646	2,171,240	360,114	950,000	50,000	50,000	34,000	34,000	1,850,000	6,893,000	
Historical Approved Budget				Operating Budget Impact											
Year	Total Expense	Net City Cost	Subsidies	Effective Date	Description								Exp/(Rev)	FTE Impact	
2012	60,000	60,000	0	Unknown	No operating budget impact.								0	0	
2017	100,000	100,000	0												
2018	50,000	50,000	0												
2019	180,000	180,000	0												
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date							
2007	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %	Ray Mensour/Tom Graziano					Ongoing							



Project Version Summary

Project #	REC-005-16	Service Area	Office of Parks, Rec., Culture & Facilities
Budget Year	2020	Department	Recreation & Culture
Asset Type	Unassigned	Division	Recreation Facilities
Title	Gino & Liz Marcus Community Centre Family Change Room		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 5		
Version Name	Main (Active)		

Project Description				Version Description											
In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration.															
Project Comments/Reference				Version Comments											
7161051				As per CR498/2016, \$1,100,000 pre-commitment in principle for the Gino & Liz Marcus Family Change Room (Canada 150 Community Infrastructure Program). On August 22, 2016, report #S94/2016, CR512/2016 was formally approved pre-committing these funds.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	1,100,000	1,100,000	0	5410	Construction Contracts - TCA										
2021	0	0	0		1,100,000	0	0	0	0	0	0	0	0	0	1,100,000
2022	0	0	0												
2023	0	0	0												
2024	0	0	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	0	0	0												
	1,100,000	1,100,000	0		Total	1,100,000	0	0	0	0	0	0	0	0	1,100,000
				Revenues											
				169	Pay As You Go - Capital Reserve										
					1,100,000	0	0	0	0	0	0	0	0	0	1,100,000
					Total	1,100,000	0	0	0	0	0	0	0	0	1,100,000
Historical Approved Budget				Operating Budget Impact											
Related Projects				Effective Date	Description							Exp/(Rev)	FTE Impact		
Precedes	Project Title			Unknown	No Operating Budget Impact							0	0		
REC-003-07	Municipal Pools Refurbishment Program														
Year Identified	Start Date	Project Type for 2020	Project Lead				Est. Completion Date								
2016	September 30, 2016	Growth: 100.0 % Maintenance: 0.0 %	Ray Mensour/Tom Graziano				2018								

2020 Approved Capital Budget



Capital Project Summaries

Office of the Chief Administrative Officer



Project Version Summary

Project # CAO-001-16 **Service Area** Office of the CAO
Budget Year 2020 **Department** CAO's Office
Asset Type Unassigned **Division** Administration - CAO's Office

Title Paul Martin Bldg. Placeholder
Budget Status Council Approved Budget
Major Category Community & Economic Development
Wards Ward 3
Version Name Main (Active)

Project Description				Version Description												
A transfer of the Paul Martin building on Ouellette Avenue has taken place and repurposing of the building continues. These placeholder amounts are included within the capital budget for the purposes of funding any future improvements and/or economic development costs which may be required in conjunction with this building. A total expenditure of \$15.0M has been allotted in principle (placeholder) from the 2020 to 2025.																
Project Comments/Reference				Version Comments												
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total		
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2020	0	0	0	5410	Construction Contracts - TCA											
2021	0	0	0		0	0	0	0	0	3,968,359	0	0	0	3,968,359		
2022	0	0	0		0	0	0	0	0	0	0	0	0	0		
2023	0	0	0		0	0	0	0	0	0	0	0	0	0		
2024	0	0	0		0	0	0	0	0	0	0	0	0	0		
2025	3,968,359	3,968,359	0	160	Capital Expenditure Reserve											
2026	0	0	0		0	0	0	0	0	550,000	0	0	0	550,000		
2027	0	0	0	169	Pay As You Go - Capital Reserve											
2028+	0	0	0		0	0	0	0	0	3,418,359	0	0	0	3,418,359		
	3,968,359	3,968,359	0		0	0	0	0	0	3,968,359	0	0	0	3,968,359		
Historical Approved Budget				Operating Budget Impact												
				Effective Date	Description										Exp/(Rev)	FTE Impact
				Unknown	No Operating Budget Impact										0	0
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date							
2016	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Onorio Colucci					2025							



Project Version Summary

Project #	CAO-002-18	Service Area	Office of the CAO
Budget Year	2020	Department	CAO's Office
Asset Type	Unassigned	Division	Administration - CAO's Office
Title	New Windsor-Essex Hospital System Plan		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards			
Version Name	Main (Active)		

Project Description				Version Description													
Contribution to the reserve fund for the municipality's share of the new Windsor-Essex Hospital System Plan.																	
Project Comments/Reference				Version Comments													
				As per CR282/2016, Council approved earmarking \$6.9m of the annual capital budget funding from 2023 - 2027 and \$6.2m in 2028.													
Project Forecast				Project Detailed Forecast													
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total		
Year	Total Expense	Net City Cost	Subsidies	Expenses													
2020	0	0	0	4250 TRANSFER to Reserve Fund													
2021	0	0	0														
2022	0	0	0														
2023	6,900,000	6,900,000	0														
2024	6,900,000	6,900,000	0														
2025	6,900,000	6,900,000	0														
2026	6,900,000	6,900,000	0														
2027	6,900,000	6,900,000	0														
2028+	6,200,000	6,200,000	0														
40,700,000		40,700,000		0													
Historical Approved Budget				Operating Budget Impact													
Related Projects																	
Year Identified	Start Date	Project Type for 2020	Project Lead						Est. Completion Date								
2018	January 1, 2023	Growth: 0.0 % Maintenance: 0.0 %	TBD						2028								

2020 Approved Capital Budget



Capital Project Summaries

Office of the Chief Financial Officer



Project Version Summary

Project #	FIN-006-16	Service Area	Office of the CFO
Budget Year	2020	Department	Finance
Asset Type	Unassigned	Division	Administration - Finance
Title	(Legislated) Liability for Contaminated Sites		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

By virtue of the Municipal Act, the City is legislatively required to prepare audited financial statements on the basis of Public Sector Accounting Board (PSAB) standards. PSAB has introduced a new standard 3260 Liability for Contaminated Sites which the City is required to comply with in our 2015 consolidated financial statements (to be prepared in early 2016).

For contaminated sites no longer in use or for which the City has assumed responsibility, we will be required to estimate:

- Costs directly attributable to remediation activities
- Post-remediation operation, maintenance and monitoring that are an integral part of the remediation strategy for a contaminated site
- The estimate of assets acquired, or to be acquired, as part of remediation activities to the extent those assets have no alternative use

We have already hosted a workshop with senior management across the City and have identified a number of potentially in-scope sites. In order to obtain verifiable data required to create an auditable estimate of the City's liability for contaminated sites, we will need to incur the following expenses:

- Internal project staff support
- Technical accounting consulting
- Consultant Site Assessments of potentially significant sites
- Additional audit costs

While the project is intended to satisfy the requirements of PSAB 3260 in the most cost effective manner possible, neither PSAB 3260 or this project provides any funding plan or remediation plan to actually manage or remediate any contaminated sites. Notwithstanding the above, any site assessments completed through this project may provide useful information as the City makes decisions to manage or remediate these sites.

Project Comments/Reference

7161003

Version Description

Version Comments

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5410	Construction Contracts - TCA									
2021	0	0	0		0	0	100,000	0	0	0	0	0	0	100,000
2022	100,000	100,000	0	Total	0	0	100,000	0	0	0	0	0	0	100,000
2023	0	0	0	Revenues										
2024	0	0	0	169	Pay As You Go - Capital Reserve									
2025	0	0	0		0	0	100,000	0	0	0	0	0	0	100,000
2026	0	0	0	Total	0	0	100,000	0	0	0	0	0	0	100,000
2027	0	0	0											
2028+	0	0	0											
	100,000	100,000	0											
Historical Approved Budget				Operating Budget Impact										
Year	Total Expense	Net City Cost	Subsidies	Effective Date	Description								Exp/(Rev)	FTE Impact
2016	200,000	200,000	0	Unknown	The PSAB standard (not necessarily the project) may have an operating impact – TBD							0	0	
Related Projects	Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date									
	2016	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %	Dan Seguin	Ongoing									



Project Version Summary

Project #	FIN-009-15	Service Area	Office of the CFO
Budget Year	2020	Department	Finance
Asset Type	Unassigned	Division	Administration - Finance
Title	Capital Reserve Replenishment Allocation		
Budget Status	Council Approved Budget		
Major Category	Capital Reserve Replenishment		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
As per Council's previous directions relative to ensuring long term financial stability, and to ensure that the City's cash balances are sufficient to self finance capital projects without the need to resort to a high cost of external borrowing, funding is being allocated to replenish and bolster reserves. These allocations are also meant to provide liquidity that could be accessed to fund unfunded or unexpected costs such as settlements of significant legal claims or significant retroactive payments relating to major property tax appeals.															
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	3,210,000	3,210,000	0	4248	TRANSFER to Reserve Account										
2021	3,210,000	3,210,000	0		3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	0	25,680,000	
2022	3,210,000	3,210,000	0												
2023	3,210,000	3,210,000	0												
2024	3,210,000	3,210,000	0												
2025	3,210,000	3,210,000	0												
2026	3,210,000	3,210,000	0												
2027	3,210,000	3,210,000	0												
2028+	0	0	0												
	25,680,000	25,680,000	0												
Historical Approved Budget				Revenues											
		Revenue		169	Pay As You Go - Capital Reserve										
Year	Total Expense	Net City Cost	Subsidies		3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	0	25,680,000	
2016	3,210,000	3,210,000	0												
2017	3,210,000	3,210,000	0												
2018	3,210,000	3,210,000	0												
2019	3,210,000	3,210,000	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	No Operating Budget Impact							0	0		
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2015	January 1, 2016	Growth: 100.0 % Maintenance: 0.0 %		Victor Ferranti					2023						



Project Version Summary

Project # ECB-044-18 **Service Area** Office of the CFO
Budget Year 2020 **Department** Finance
Asset Type Unassigned **Division** Asset Planning

Title Financing Charges
Budget Status Council Approved Budget
Major Category Community & Economic Development
Wards City Wide
Version Name Main (Active)

Project Description			Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.														
Project Comments/Reference			Version Comments											
7145005			PRE-COMMITMENT: CR123/2018, Report # C 20/2018 approved a pre-commitment of \$64,000 in 2020. As per CR4/2019, Report C 217/2018, Council approved a pre-commitment of \$75,000 in 2023.											
Project Forecast			Project Detailed Forecast											
		Revenue												
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
2020	64,000	64,000	0	Expenses										
2021	0	0	0	4530	Temporary Financing Costs									
2022	0	0	0		64,000	0	0	75,000	0	0	0	0	0	139,000
2023	75,000	75,000	0	Total	64,000	0	0	75,000	0	0	0	0	0	139,000
2024	0	0	0	Revenues										
2025	0	0	0	169	Pay As You Go - Capital Reserve									
2026	0	0	0		64,000	0	0	75,000	0	0	0	0	0	139,000
2027	0	0	0	Total	64,000	0	0	75,000	0	0	0	0	0	139,000
2028+	0	0	0											
139,000		139,000	0											
Historical Approved Budget			Operating Budget Impact											
		Revenue												
Year	Total Expense	Net City Cost	Subsidies											
2018	20,000	20,000	0											
Related Projects														
Year Identified	Start Date	Project Type for 2020	Project Lead				Est. Completion Date							
2018	January 1, 2018	Growth: 100.0 % Maintenance: 0.0 %	Victor Ferranti				TBD							



Project Version Summary

Project #	FIN-001-15	Service Area	Office of the CFO
Budget Year	2020	Department	Finance
Asset Type	Unassigned	Division	Asset Planning
Title	Sub-Metering - Energy Cost Savings Initiative		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
<p>Sub-metering is the monitoring of the electrical, gas, water, steam or other commodities' consumption by individual equipment, processes or systems in a building. Sub-metering can be used to measure energy consumption of HVAC, lighting, refrigeration, compressors, pumps, etc. In addition to the main meter used by utilities to determine overall building consumption, sub-metering utilizes individual meters that allow building and facility managers to have real-time visibility into the energy use and performance of the equipment, creating opportunities for energy and capital savings.</p> <p>Traditional utility bill analysis uses information that is up to 45 days after usage and is too aggregated (about 30 days). Sub-metering addresses this information gap providing real-time granular visibility of energy consumption, therefore can be utilized to optimize operations and save energy.</p> <p>Administration will develop a sub-metering project at strategic locations that represent several of the City's main energy consumers, to include: WIATC, WFCU, Huron Lodge, LRWRP & LRPCP.</p>				<p>Sub-metering has the potential to help saving approximately 2% the annual energy consumption that translates to \$60,000 in savings. Approximate payback of the project is less than 3 years.</p> <p>Benefits include:</p> <ul style="list-style-type: none"> -Identification of unnecessary equipment running at night, off shift or during weekends. - Ability to transmit information back to operators and facility managers the same day and provide operators with feedback the next day about implemented changes. -Comparison and benchmarking of usage across similar facilities and over time. -Detection of utility bill errors by comparing sub-meter usage with actual utility bill. -Better management of electricity usage when the facility faces demand limits or peak usage pricing. <p>The IESO (Independent Electricity System Operator) provides incentives for these type of projects in the amount of approximately \$20,000.</p>											
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	150,000	150,000	0		0	150,000	0	0	0	0	0	0	0	150,000	
2022	0	0	0		0	150,000	0	0	0	0	0	0	0	150,000	
2023	0	0	0		0	150,000	0	0	0	0	0	0	0	150,000	
2024	0	0	0		0	150,000	0	0	0	0	0	0	0	150,000	
2025	0	0	0		0	150,000	0	0	0	0	0	0	0	150,000	
2026	0	0	0		0	150,000	0	0	0	0	0	0	0	150,000	
2027	0	0	0		0	150,000	0	0	0	0	0	0	0	150,000	
2028+	0	0	0		0	150,000	0	0	0	0	0	0	0	150,000	
	150,000	150,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects				Effective Date	Description									Exp/(Rev)	FTE Impact
				Unknown	No Operating Budget Impact									0	0
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2015	July 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Sergio Grando/Sokol Aliko/Cole Nadalin					2021						



Project Version Summary

Project #	FIN-001-17	Service Area	Office of the CFO
Budget Year	2020	Department	Finance
Asset Type	Unassigned	Division	Asset Planning
Title	Asset Planning Service Design and Implementation		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
This funding is to ensure completion of several projects currently in development including the 20-year life cycle costing models for City of Windsor assets.				New funding request in 2020 is specifically to expand use of city-wide CPA to allow development of Capital Budget by selecting specific assets from TCA ledger and allocate appropriate funding source which will improve annual TCA reporting as well greater clarity on capital budget expenditures for assets. Additional funding in 2026 is requested for resources required to update the 2023/2024 Asset Management Plan in compliance with O. Reg 588/17.											
Project Comments/Reference				Version Comments											
7131117															
Project Forecast				Project Detailed Forecast											
		<u>Revenue</u>		<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	547,000	547,000	0	2915 Consulting Services - External											
2021	0	0	0		547,000	0	0	0	0	0	0	0	500,000	1,047,000	
2022	0	0	0	Total	547,000	0	0	0	0	0	0	0	500,000	1,047,000	
2023	0	0	0	Revenues											
2024	0	0	0	169 Pay As You Go - Capital Reserve											
2025	0	0	0		547,000	0	0	0	0	0	0	0	500,000	1,047,000	
2026	0	0	0	Total	547,000	0	0	0	0	0	0	0	500,000	1,047,000	
2027	0	0	0												
2028+	500,000	500,000	0												
	1,047,000	1,047,000	0												
Historical Approved Budget															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2017	110,000	110,000	0												
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date							
2017	January 1, 2017	Growth: 100.0 % Maintenance: 0.0 %	Melissa Osborne					Ongoing							



Project Version Summary

Project #	FIN-001-18	Service Area	Office of the CFO
Budget Year	2020	Department	Finance
Asset Type		Division	Asset Planning
Title	Net Metering		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description

With the expiration of the Ontario's Small Feed-in Tariff (FIT) program which pays renewable electricity producers to export power to the provincial grid, Energy Initiatives is exploring alternative agreements to utilize rooftop solar generation at Corporate facilities for electricity cost savings and greenhouse gas emission reduction.

"Net-metering" is an agreement with the local distribution company (EnWin Utilities Ltd.) and Ontario's Independent Electricity System Operator (IESO) to utilize the renewable power generated at a facility on-site. Electricity production in excess of that utilized by the building is delivered to the local utility grid and credited to offset future electricity costs. Because Net-metering allows for the integration of renewable energy generation and energy storage, it is a suitable arrangement for a photovoltaic solar and battery storage scheme which sees one or more properties supported by an incorporated power generation system.

Nineteen (19) sites for net-metered solar generation have been identified to produce and utilize electricity on-site for annual energy cost savings. These sites represent 1.5 MW of installed power and cost savings when fully implemented of approximately \$250,000 annually. Administration is pursuing capital funding opportunities through various provincial and federal incentive programs to improve the return on investment for this project.

Administration is recommending a phased in approach over 5 years relative to the installation of PV systems at various sites.

Project Comments/Reference

Version Description

Phase one subject to Council approval will commence in the spring of 2020.

Version Comments

Project Forecast				Project Detailed Forecast										
Year	Total Expense	Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
		Net City Cost	Subsidies											
2020	0	0	0	Expenses										
2021	0	0	0	5410	Construction Contracts - TCA									
2022	0	0	0		0	0	0	0	0	0	0	0	4,000,000	4,000,000
2023	0	0	0	Total	0	0	0	0	0	0	0	0	4,000,000	4,000,000
2024	0	0	0	Revenues										
2025	0	0	0	169	Pay As You Go - Capital Reserve									
2026	0	0	0		0	0	0	0	0	0	0	0	4,000,000	4,000,000
2027	0	0	0	Total	0	0	0	0	0	0	0	0	4,000,000	4,000,000
2028+	4,000,000	4,000,000	0											
	4,000,000	4,000,000	0											
Historical Approved Budget														
Related Projects				Operating Budget Impact										
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date					
2018	April 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Sergio Grando/Sokol Aliko					Fall 2024					



Project Version Summary

Project #	FIN-001-19	Service Area	Office of the CFO
Budget Year	2020	Department	Finance
Asset Type	Unassigned	Division	Asset Planning
Title	Grant Matching Funding and Mitigating Inflationary Pressures		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
Project funding recommended to address capital project inflationary pressures.				This funding will assist with addressing grant matching funding requirements for grants which do not have enough funding to meet the matching requirements. This will also assist in expediting the grant approval process as the DOA 3.25 requirements for approval of grants could be met confirming municipal funding is in place. The project will also assist to mitigate against tender pricing increases, after exhausting all other options to mitigate any variance. Use of the funds for grants will be reported to City Council through the annual DOA report and use of the funds for mitigating inflationary pressures will be reported through the semi-annual Capital Variance report.											
Project Comments/Reference				Version Comments											
7191009															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	1,176,000	1,176,000	0	5410	Construction Contracts - TCA										
2021	1,000,000	1,000,000	0		1,176,000	1,000,000	1,500,000	1,000,000	1,500,000	1,500,000	2,500,000	2,500,000	0	12,676,000	
2022	1,500,000	1,500,000	0												
2023	1,000,000	1,000,000	0												
2024	1,500,000	1,500,000	0												
2025	1,500,000	1,500,000	0												
2026	2,500,000	2,500,000	0												
2027	2,500,000	2,500,000	0												
2028+	0	0	0												
	12,676,000	12,676,000	0												
Historical Approved Budget				Revenues											
Year	Total Expense	Net City Cost	Subsidies	028	Sewer Surcharge										
2019	215,000	215,000	0		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	8,000,000	
				169	Pay As You Go - Capital Reserve										
					176,000	0	500,000	0	500,000	500,000	1,500,000	1,500,000	0	4,676,000	
					Total	1,176,000	1,000,000	1,500,000	1,000,000	1,500,000	1,500,000	2,500,000	2,500,000	0	12,676,000
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2019	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %	Melissa Osborne	Ongoing											



Project Version Summary

Project #	FIN-003-15	Service Area	Office of the CFO
Budget Year	2020	Department	Finance
Asset Type	Unassigned	Division	Asset Planning
Title	Corporate Wide Facilities Lighting Sensors and Timers		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
This project will consist of installing timers and occupancy/photo sensors in all applicable locations in city buildings and facilities. By turning lights off when spaces are unoccupied, occupancy sensors and timers compliment load reductions accomplished by lamp retrofits, giving building operators additional opportunities to improve energy savings without compromising lighting service. With typical estimated energy savings potential from 25% to more than 50% of lighting energy, occupancy sensors have frequently been promoted as one of the most cost effective technologies available for retrofitting. The magnitude of the savings will depend upon the time delay setting, and when the peak demand occurs, which may vary among building types.															
Project Comments/Reference				Version Comments											
7175000				PRE-COMMITMENT: CR776/2017 approved \$55,000 in 2018 and \$5,000 in 2020 for lighting timers and sensors to partially fund the LED lighting retrofit and redesign conversion project.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	5,000	5,000	0	5410	Construction Contracts - TCA										
2021	0	0	0		5,000	0	0	0	0	0	0	0	0	0	5,000
2022	0	0	0	Total		5,000	0	0	0	0	0	0	0	0	5,000
2023	0	0	0	Revenues											
2024	0	0	0	160	Capital Expenditure Reserve										
2025	0	0	0		5,000	0	0	0	0	0	0	0	0	0	5,000
2026	0	0	0	Total		5,000	0	0	0	0	0	0	0	0	5,000
2027	0	0	0												
2028+	0	0	0												
	5,000	5,000	0												
Historical Approved Budget															
Year	Total Expense	Net City Cost	Subsidies												
2018	55,000	55,000	0												
Related Projects				Operating Budget Impact											
Precedes	Project Title			Effective Date	Description								Exp/(Rev)	FTE Impact	
FIN-002-15	Corporate Wide Facilities LED Conversion			Unknown	The estimated annual savings are \$15,000 with a simple payback period of 4 years. - 5% Energy savings								0	0	
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2015	September 1, 2018	Growth: 100.0 % Maintenance: 0.0 %		Cole Nadalin				2021							



Project Version Summary

Project #	FIN-003-18	Service Area	Office of the CFO
Budget Year	2020	Department	Finance
Asset Type		Division	Asset Planning
Title	Geothermal/High Efficiency Heating and Cooling Systems		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description				Version Description											
<p>Geothermal technology utilizes the earth's inherent temperature to deliver heating and cooling to a building. A fluid is circulated through buried piping to cool a facility by extracting and depositing heat during warm months, and alternatively drawing heat from the earth to provide warmth during colder months. By replacing aged electrical and gas-fired systems with this ground source heat pump, both recurring cost savings and greenhouse gas emissions reductions are possible.</p> <p>Geothermal systems are being assessed for the Corporation's heritage sites including Willistead Manor, Mackenzie Hall Cultural Centre, Capitol Theatre and South Windsor Arena; projects which can deliver significant operational savings to the City of Windsor. Energy Initiatives has applied for funding through FCM to execute a detailed engineering study at each property in order to determine its capability of utilizing geothermal or an appropriate high efficiency heating and cooling system.</p>															
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies												
2020	0	0	0												
2021	0	0	0												
2022	0	0	0												
2023	0	0	0												
2024	0	0	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	1,000,000	1,000,000	0												
	1,000,000	1,000,000	0												
Historical Approved Budget															
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2018	July 1, 2024	Growth: 0.0 % Maintenance: 0.0 %	Sergio Grando/Cole Nadalin	2024+											



Project Version Summary

Project # FIN-004-15 **Service Area** Office of the CFO
Budget Year 2020 **Department** Finance
Asset Type Unassigned **Division** Asset Planning

Title 400 City Hall Square Energy Efficiency Upgrades
Budget Status Council Approved Budget
Major Category Corporate Property Infrastructure
Wards Ward 3
Version Name Main (Active)

Project Description			Version Description											
The City of Windsor is participating in the Canada-wide "Town Hall Challenge" campaign. This program compiles good practice design, retrofit and operational metrics for lighting, equipment, HVAC, and other building systems to create a model building operating at 20 kWh/ft2. Participating in the campaign exhibits a commitment to achieve the target of 20 kWh/ft2 by 2020. The City of Windsor currently ranks fifth among reporting "Town Halls".														
Project Comments/Reference			Version Comments											
Project Forecast			Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	2915 Consulting Services - External										
2021	100,000	100,000	0		0	100,000	0	0	0	0	0	0	0	100,000
2022	0	0	0	Total	0	100,000	0	0	0	0	0	0	0	100,000
2023	0	0	0	Revenues										
2024	0	0	0	169 Pay As You Go - Capital Reserve										
2025	0	0	0		0	100,000	0	0	0	0	0	0	0	100,000
2026	0	0	0	Total	0	100,000	0	0	0	0	0	0	0	100,000
2027	0	0	0											
2028+	0	0	0											
	100,000	100,000	0											
Historical Approved Budget			Operating Budget Impact											
			Effective Date	Description									Exp/(Rev)	FTE Impact
			Unknown	The saving potential is approximately \$20,000 a year. The energy audit undertaken by MCW Energy Solutions Inc. (July 2014) will identify and recommend specific energy reduction measures. Approximate payback of the project is 2-3 years. 7% Energy Savings									0	0
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date						
2015	July 1, 2021	Growth: 0.0 % Maintenance: 0.0 %	Sergio Grando/Sokol Aliko					2021						



Project Version Summary

Project #	FIN-004-18	Service Area	Office of the CFO
Budget Year	2020	Department	Finance
Asset Type	Unassigned	Division	Asset Planning
Title	Enterprise Wide Energy Management System Software		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description

Centralized and common support for the development and installation of an energy management system throughout the City of Windsor's many properties and buildings brings an enhanced means of addressing shared issues. This includes joining and leveraging similar projects for overall capital cost savings, and bettering communication and transparency concerning energy asset management throughout the Corporation.

Because energy data is currently received at regular billing intervals, heightened consumption is ordinarily observed between thirty and forty-five days following an event. Daily monitoring enabled by an integrated monitoring system can prevent the persistence of increased consumption and cost by alerting Energy Initiatives to respond to anomalies in individual equipment use and a facility's power quality, which can prolong the life of motors, pumps, compressors, and other systems throughout the Corporation.

For power generation and energy infrastructure projects, improved technical collaboration among the City of Windsor and stakeholders in Windsor's energy supply (EnWin Utilities, District Energy Windsor, and Union Gas) are capable of delivering added value by marrying individual efforts for more impactful and cost-effective projects. Facilitating this cooperation and the development of an integrated energy management system requires a dedicated individual to liaise between the City of Windsor's Asset Planning, Facilities, and Information Technology (I.T.) departments toward establishing its fundamental elements of hardware, software, and infrastructure including distributed sub-metering and building automation systems. It further involves coordinating process changes both internally and at Windsor's utilities for the real-time collection and transmission of electricity, natural gas, and district energy consumption data.

Project Comments/Reference

Version Description

Version Comments

Project Forecast				Project Detailed Forecast											
Year	Total Expense	Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
		Net City Cost	Subsidies												
2020	0	0	0	Expenses											
2021	0	0	0	5410	Construction Contracts - TCA										
2022	0	0	0		0	0	0	0	0	0	0	0	300,000	300,000	
2023	0	0	0	Total	0	0	0	0	0	0	0	0	300,000	300,000	
2024	0	0	0	Revenues											
2025	0	0	0	169	Pay As You Go - Capital Reserve										
2026	0	0	0		0	0	0	0	0	0	0	0	300,000	300,000	
2027	0	0	0	Total	0	0	0	0	0	0	0	0	300,000	300,000	
2028+	300,000	300,000	0												
300,000		300,000	0												
Historical Approved Budget															
Related Projects				Operating Budget Impact											
				Effective Date	Description									Exp/(Rev)	FTE Impact
				2022-01-01	Ongoing Maintenance									25,000	0
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2018	October 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Sergio Grando/Cole Nadalin					Fall 2022						



Project Version Summary

Project #	FIN-005-15	Service Area	Office of the CFO
Budget Year	2020	Department	Finance
Asset Type	Unassigned	Division	Asset Planning
Title	Little River Pollution Control Plant Energy Efficiency Measures Implementation		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	Ward 7		
Version Name	Main (Active)		

Project Description				Version Description											
<p>The City is completing an Engineering Study at Little River Plant as part of the 2014 Capital Budget energy efficiency project that will identify energy savings opportunities. The project identified below will be developed in tandem with the 2014 study.</p> <p>The preliminary findings show that elimination of the dewatered sludge pumps and replacement with augers will save approximately 400,000 kWh annually.</p>															
Project Comments/Reference				Version Comments											
7201017															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	150,000	150,000	0	2915 Consulting Services - External											
2021	0	0	0		150,000	0	0	0	0	0	0	0	0	150,000	
2022	0	0	0	Total	150,000	0	0	0	0	0	0	0	0	150,000	
2023	0	0	0	Revenues											
2024	0	0	0	208 Pollution Control Reserve											
2025	0	0	0		150,000	0	0	0	0	0	0	0	0	150,000	
2026	0	0	0	Total	150,000	0	0	0	0	0	0	0	0	150,000	
2027	0	0	0												
2028+	0	0	0												
	150,000	150,000	0												
Historical Approved Budget				Operating Budget Impact											
				Effective Date	Description							Exp/(Rev)	FTE Impact		
				Unknown	Total annual savings will be \$52,000 with a simple payback period of approximately 3 years. - 9% energy Savings							0	0		
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2015	July 1, 2020	Growth: 100.0 % Maintenance: 0.0 %		Sergio Grando/Sokol Aliko					2020+						



Project Version Summary

Project #	FIN-006-15	Service Area	Office of the CFO
Budget Year	2020	Department	Finance
Asset Type	Unassigned	Division	Asset Planning
Title	Transit Windsor Installation of NOx and CO Sensors		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
<p>The NO_x / CO detection system is used to monitor the levels of nitrogen oxide and carbon monoxide in the building. Nitrogen oxide and carbon monoxide are toxic gases created when diesel engines and natural gas fired equipment is running. A NO_x / CO detection system exists at Transit Windsor Bus Storage area however this system is not operational. The exhaust fans operate continuously instead of being controlled by the detection system.</p> <p>The outdated and inoperative system will be replaced with a new system, consisting of 12 NO_x sensors, 12 CO sensors and a controller. These sensors will operate in conjunction with the ventilation systems in the Bus Storage area, resulting in reduced runtimes for the systems when NO_x and CO levels are within acceptable limits.</p>				Approximate payback of the project is 7 years.											
Project Comments/Reference				Version Comments											
7187000															
Project Forecast				Project Detailed Forecast											
		<u>Revenue</u>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>	
Expenses				Expenses											
2020	2,000	2,000	0	5411	Construction Contracts-Non TCA										
2021	0	0	0												
2022	0	0	0		2,000	0	0	0	0	0	0	0	0	2,000	
2023	0	0	0												
2024	0	0	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	0	0	0												
	2,000	2,000	0												
Revenues				Revenues											
				160	Capital Expenditure Reserve										
					2,000	0	0	0	0	0	0	0	0	2,000	
					2,000	0	0	0	0	0	0	0	0	2,000	
Historical Approved Budget				Operating Budget Impact											
		<u>Revenue</u>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2018	60,000	60,000	0												
Related Projects				Effective Date Description											
				Exp/(Rev) FTE Impact											
				Unknown The NO _x / CO detection could reduce the energy consumption by 30% and bring savings of about \$8,500 annually. - 5% Energy Savings 0 0											
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2015	July 1, 2018	Growth: 100.0 % Maintenance: 0.0 %		Sergio Grando/Sokol Aliko					2020+						



Project Version Summary

Project #	FIN-007-15	Service Area	Office of the CFO
Budget Year	2020	Department	Finance
Asset Type	Unassigned	Division	Asset Planning
Title	Huron Lodge Energy Efficiency Initiatives - LED/Sub-Metering/HVAC Upgrades		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description				Version Description											
Huron Lodge Long Term Care facility consumed 3.3 million kWh and 565,000 cubic meters of Natural Gas in 2013 for a total annual expenditure of \$530,000. The energy intensity of 52.3 kWh/m3 is high compared to similar facilities in Ontario. Recommissioning efforts will be complemented by the introduction of LED lighting and sub-metering.				Approximate payback of the project is 2-4 years. The primary focus of the re-commissioning effort is the principal electric energy consuming equipment in the facility, typically consisting of the systems and equipment below: -Chiller Plant & Auxiliaries -Cooling Tower -Air Distribution System -Air Conditioning System -Control System											
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	50,000	50,000	0		0	50,000	0	0	0	0	0	0	0	50,000	
2022	0	0	0	Total	0	50,000	0	0	0	0	0	0	0	50,000	
2023	0	0	0	Revenues											
2024	0	0	0	169 Pay As You Go - Capital Reserve											
2025	0	0	0		0	50,000	0	0	0	0	0	0	0	50,000	
2026	0	0	0	Total	0	50,000	0	0	0	0	0	0	0	50,000	
2027	0	0	0												
2028+	0	0	0												
	50,000	50,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects				Effective Date	Description									Exp/(Rev)	FTE Impact
				Unknown	Preliminary studies have shown that recommissioning of the facility would reduce the consumption by up to 5% Energy Savings.									0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2015	July 1, 2021	Growth: 0.0 % Maintenance: 0.0 %		Sergio Grando/Sokol Aliko				2021							



Project Version Summary

Project #	FIN-001-20	Service Area	Office of the CFO
Budget Year	2020	Department	Finance
Asset Type		Division	Financial Accounting
Title	Accounts Payable Business Process Review		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards			
Version Name	Main (Active)		

Project Description

This project is for the review of the city's entire accounts payable (A/P) and vendor processes with the goal of providing recommendation towards automation of manual processes and approvals, improvements in processes and controls, and higher levels of effectiveness and efficiency.

The Accounts Payable verification and payment process has consistently performed below the benchmark of our MBN Canada peers. Some MBN Canada A/P peers have functionality such as high volume document scanning, electronic workflow routing with approval to pay, electronic file intake, approval, upload and processing of invoices which may include optical character recognition (OCR), electronic filing with a resultant reduction of paper files, and/or an expense module or other ways to process employee travel and business expenses. In addition, many peers have centralized A/P processing, while the city has decentralized processing with centralized controls and payment processing, which may also influence results.

This project is also intended to address some of PWC's recommendations in their 2014 report to Council on the city's payables processes. PWC recommended consideration of the automation of A/P controls including approval to pay, and improvements to the process to add/change vendor information. The city has changed the process to add/change vendor information. The vendor process has enhanced internal control, however is generally taking longer than originally estimated and should be reviewed for additional enhancements to improve efficiency and effectiveness. The city continues to have manual payment approval and this project will seek improvements including automation if possible.

The requested project funds will be used to hire an external consultant to lead the corporate A/P business process review, as well as temporary internal resources if required. While we expect that the consultant may recommend larger scale, longer term projects as a result of this review, funding may also be used to effect more immediate improvements, such as workflow routing, OCR, etc mentioned above.

Project Comments/Reference

7202005

Version Description

Version Comments

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	90,000	90,000	0	2915	Consulting Services - External									
2021	160,000	160,000	0		90,000	160,000	0	0	0	0	0	0	0	250,000
2022	0	0	0		Total									
2023	0	0	0		90,000	160,000	0	0	0	0	0	0	0	250,000
2024	0	0	0	Revenues										
2025	0	0	0	169	Pay As You Go - Capital Reserve									
2026	0	0	0		90,000	160,000	0	0	0	0	0	0	0	250,000
2027	0	0	0		Total									
2028+	0	0	0		90,000	160,000	0	0	0	0	0	0	0	250,000
	250,000	250,000	0											
Historical Approved Budget														
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	Any recommended operating budget impacts, such as reallocation, increase, or decrease of staffing will be considered as the project is being implemented and recommended through the operating budget process once identified.								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2020	January 1, 2020	Growth: 100.0 % Maintenance: 0.0 %		Dan Seguin				December 31, 2022						



Project Version Summary

Project #	FIN-002-20	Service Area	Office of the CFO
Budget Year	2020	Department	Finance
Asset Type		Division	Financial Accounting
Title	Financial Statement and Bank Reconciliation Automation		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards			
Version Name	Main (Active)		

Project Description

This project would entail the evaluation of the current year-end close process and bank reconciliation process with the intent of redesigning to take advantage of automation opportunities that would result in significant time and labour savings, improve reporting timelines and accuracy, and provide enhanced internal cash controls.

Currently, the process of closing the year in Peoplesoft Financials and translating the results into final financial statements and the provincial Financial Information Return (FIR), as well as reconciling the City's numerous funds and bank accounts is a long, manual effort that leaves room for errors. The Financial Accounting Division primarily utilizes spreadsheets to perform all of the analyses, eliminations and consolidations that are necessary in order to produce financial statements that are compliant with Public Sector Accounting Standards (PSAB).

Over the last number of years, additional PSAB reporting requirements, the complexities and increasing volumes of Tangible Capital Asset activity, and the growing volume of electronic bank activity has made these manual processes increasingly challenging to maintain.

An examination and evaluation of the current methodology would allow Finance staff to identify automation opportunities that might be available either through in-house business process improvements or the acquisition of financial reporting and consolidation software. Funding may be used for consulting, temporary staffing, and software acquisition and implementation.

The funding source identified for this project is 1798 Commodity Tax Reserve Account, which has a balance of approximately \$827,000. The improved financial reporting methodology and timelines will allow for a more efficient commodity tax recovery process.

Version Description

Project Comments/Reference

7201018

Version Comments

Project Forecast				Project Detailed Forecast										
Year	Total Expense	Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
		Net City Cost	Subsidies											
2020	150,000	150,000	0	Expenses										
2021	0	0	0	2915	Consulting Services - External									
2022	0	0	0		150,000	0	0	0	0	0	0	0	0	150,000
2023	0	0	0	Total	150,000	0	0	0	0	0	0	0	0	150,000
2024	0	0	0	Revenues										
2025	0	0	0	7058	TRANSFER From Reserve Account									
2026	0	0	0		150,000	0	0	0	0	0	0	0	0	150,000
2027	0	0	0	Total	150,000	0	0	0	0	0	0	0	0	150,000
2028+	0	0	0											
150,000		150,000	0											
Historical Approved Budget														
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	Any recommended operating budget impacts, such as ongoing software maintenance, will be considered as the project is being implemented and recommended through the operating budget process once identified.								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2020	January 1, 2020	Growth: 0.0 % Maintenance: 100.0 %		Dan Seguin				December 31, 2021						



Project Version Summary

Project #	FIN-001-14	Service Area	Office of the CFO
Budget Year	2020	Department	Finance
Asset Type	Unassigned	Division	Financial Planning
Title	Development Charges Study and Bylaw Update		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description																	
To update Development Charges Study and Bylaw every 5 years, as per the Development Charges Act.				The City-wide DC Background Study & Bylaw requires updating every 5 years and will need to be updated by June 1, 2020.																	
Project Comments/Reference				Version Comments																	
(Closed: 7142002)/7183004																					
Project Forecast				Project Detailed Forecast																	
		Revenue																			
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>							
2020	40,000	40,000	0	Expenses																	
2021	0	0	0	5410 Construction Contracts - TCA																	
2022	0	0	0	40,000 0 0 0 50,000 50,000 0 0 120,000 260,000																	
2023	0	0	0	Total 40,000 0 0 0 50,000 50,000 0 0 120,000 260,000																	
2024	50,000	50,000	0	Revenues																	
2025	50,000	50,000	0	121 Dev Chg - General																	
2026	0	0	0	20,000 0 0 0 45,000 45,000 0 0 108,000 218,000																	
2027	0	0	0	169 Pay As You Go - Capital Reserve																	
2028+	120,000	120,000	0	20,000 0 0 0 5,000 5,000 0 0 12,000 42,000																	
	260,000	260,000	0	Total 40,000 0 0 0 50,000 50,000 0 0 120,000 260,000																	
Historical Approved Budget																					
		Revenue																			
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>																		
2014	40,000	40,000	0																		
2015	40,000	40,000	0																		
2018	120,000	120,000	0																		
2019	40,000	40,000	0																		
Related Projects				Operating Budget Impact																	
				Effective Date		Description								Exp/(Rev)		FTE Impact					
				Unknown		No Operating Budget Impact								0		0					
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date													
2016	January 1, 2018	Growth: 100.0 % Maintenance: 0.0 %		Tony Ardovini				December 31, 2020													



Project Version Summary

Project #	ITC-001-08	Service Area	Office of the CFO
Budget Year	2020	Department	Information Technology
Asset Type	Unassigned	Division	Administration - Info. Tech.
Title	Information Technology Business Continuity Improvements		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The first stage of good Disaster Recovery Planning is Prevention. In other words, taking steps to prevent significant outages in the IT Infrastructure. For the last several years we have strived to improve the availability of our critical systems by adding redundancy and backups to various IT infrastructure components. During this time the Corporation has also become more dependent on technology, which is consistent with other sectors.

There does exist capital funding for some of this work in project ITC-006-07 and the focus has been on being able provide a reliable and highly available computing facility and a place hold a backup of our data off site in the event of a disaster. Significant effort has also been made on improving the quality and consistency of our backup environment, which is critical to stage 2 of the process, which is the ability to restore the environment if we do lose it for some reason.

Business Continuity Planning is a larger goal of ensuring that plans are in place to keep the Corporation's mission critical functions operating before, during and after a major catastrophe. This would be a much broader corporate initiative that would require significant resources both internal and external to not only develop but also ongoing resource dedication and operating expenditure to test and maintain.

The amount of resources dedicated to this type of planning should be proportionate to the impact that an outage would have on the business. For example, in a large financial or manufacturing organization where even a small amount of downtime will result in significant financial loss or loss of faith by investors then there should be a corresponding significant investment in ensuring the business has very minimal downtime and also has plans in place on how to continue to operate during these times. For organizations that are not at significant risk when systems fail then a more practical approach is reasonable since the increased resources required to develop and maintain Business Continuity Plans does not provide the same value.

Project Comments/Reference

7209005

Version Description

The Corporation of the City of Windsor will need to decide where in this spectrum we reside and that will help to determine what level of plans are appropriate and provide the most value.

The Corporate Security Policy and Methodology that was approved by Council is one of the tools we have to help identify critical areas where more security and availability is required and where plans should be in place in the event of an outage. Funding is also planned in the Capital Budget under project ITC-005-07 to address these areas as they are identified.

It should be noted, the Disaster Recovery and/or the Security project will NOT result in a full Business Continuity Plan. If the Corporation feels that additional investment should be made to also develop a complete business continuity plan then this project will need to be approved and funded.

Version Comments

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies											
2020	100,000	100,000	0											
2021	100,000	100,000	0											
2022	200,000	200,000	0											
2023	150,000	150,000	0											
2024	150,000	150,000	0											
2025	100,000	100,000	0											
2026	0	0	0											
2027	0	0	0											
2028+	200,000	200,000	0											
	1,000,000	1,000,000	0											
Historical Approved Budget														
Related Projects														
				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	No Operating Budget Impact								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2008	January 1, 2020	Growth: 50.0 % Maintenance: 50.0 %		Norm Synnott				2028						



Project Version Summary

Project #	ITC-001-10	Service Area	Office of the CFO
Budget Year	2020	Department	Information Technology
Asset Type	Unassigned	Division	Administration - Info. Tech.
Title	Smart Community Initiative		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
Under the umbrella of e-Government there are several pillars. In addition to Modernizing our services, which the MyWindsor project is addressing, there is also effort to continually improve transparency, community engagement and Open Government. This requires investment in tools and technology to improve the citizen experience online providing more timely access to information and opportunities to engage. As the region moves forward with a variety of efforts to redefine our economy, working smarter, together with our Residents and business is essential. The Smart Community initiative is one of the key ways that we can accomplish this.				This funding will be used to fund e-Government projects that expand the opportunities available to engage with the public and improve access to public information through open data. 2019-2023: Citizen self-service initiatives; Improved open data and transparency initiatives.											
Project Comments/Reference				Version Comments											
7009015															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	136,400	136,400	0	5411 Construction Contracts-Non TCA											
2021	136,400	136,400	0			136,400	136,400	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,672,800
2022	200,000	200,000	0	Total		136,400	136,400	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,672,800
2023	200,000	200,000	0	Revenues											
2024	200,000	200,000	0	160 Capital Expenditure Reserve											
2025	200,000	200,000	0			136,400	136,400	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,672,800
2026	200,000	200,000	0	Total		136,400	136,400	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,672,800
2027	200,000	200,000	0												
2028+	200,000	200,000	0												
	1,672,800	1,672,800	0												
Historical Approved Budget															
Year	Total Expense	Net City Cost	Subsidies												
2019	136,400	136,400	0												
Related Projects				Operating Budget Impact											
				Effective Date		Description								Exp/(Rev)	FTE Impact
				Unknown		No Operating Budget Impact								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2010	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %		Trevor Bennet				Ongoing							



Project Version Summary

Project #	ITC-001-13	Service Area	Office of the CFO
Budget Year	2020	Department	Information Technology
Asset Type	Unassigned	Division	Administration - Info. Tech.
Title	Corporate Integration of Mobile Technologies		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Under the e-Government umbrella and modernizing government also includes moving City Services closer to the Resident and business and making them more mobile. Funding request is to facilitate implementation of organizational mobility. Untethering staff from their desks results in productivity and customer service improvements. The corporation has been making gains in these areas by incrementally growing the mobile workforce.

Two factors are driving this future investment requirement:

1) The current mobile workforce initiatives are ad hoc. Once a critical mass is reached, an investment will be required for a more efficient and effective holistic solution.

2) Technology changes in the mobile space are rapid and significant. Solutions implemented today will be sufficient, but this mobile space is changing so quickly it is almost certain these solutions will become antiquated in the coming years.

Project Comments/Reference

7199003

Project Forecast

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2020	0	0	0
2021	375,000	375,000	0
2022	0	0	0
2023	300,000	300,000	0
2024	0	0	0
2025	0	0	0
2026	0	0	0
2027	625,000	625,000	0
2028+	125,000	125,000	0
	1,425,000	1,425,000	0

Historical Approved Budget

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2019	500,000	500,000	0

Version Description

Costs may include but are not limited to: mobile devices, software, customization, interface development, infrastructure, security. This project includes all consumer costs to move work activities into the field.

Version Comments

Project Detailed Forecast

GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses										
5411 Construction Contracts-Non TCA	0	375,000	0	300,000	0	0	0	625,000	125,000	1,425,000
Total	0	375,000	0	300,000	0	0	0	625,000	125,000	1,425,000
Revenues										
169 Pay As You Go - Capital Reserve	0	375,000	0	300,000	0	0	0	625,000	125,000	1,425,000
Total	0	375,000	0	300,000	0	0	0	625,000	125,000	1,425,000

Related Projects		Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2013	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Norm Synnott	Ongoing
			Effective Date Description Unknown A more mobile workforce has a definite impact on Operating as each mobile device will require a monthly connectivity cost while this Capital Budget can address the up front costs. The ongoing costs will need to be allocated by each area requiring mobile services.	Exp/(Rev) FTE Impact 0 0



Project Version Summary

Project #	ITC-003-19	Service Area	Office of the CFO
Budget Year	2020	Department	Information Technology
Asset Type	Unassigned	Division	Administration - Info. Tech.
Title	Southwest Integrated Fibre Technology (SWIFT) Network		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description																			
This project is working to build a more competitive market throughout southwestern Ontario so that residents and businesses have more affordable Internet services available to them. Currently this region has the highest Broadband rates in the country and even in Windsor there are areas that are underserved. The SWIFT Network which is a forward-looking, financially sustainable plan to help the region connect, compete and keep pace in a digital world by building a holistic, ultra high-speed fibre optic network across the region.				These funds will be used to fund Windsor's commitment to this project for 2019, 2020 and 2021.																			
Project Comments/Reference				Version Comments																			
7193001				PRE-COMMITMENT: As per CR553/2017, Council approved a pre-commitment of \$250,000 plus applicable taxes- \$62,500 + taxes from each of the 2019, 2020 & 2021 approved in principle from the Smart Community Initiative Capital Budget. Note: 2018's commitment is being funded from the existing surplus in 7009015 (Smart Community Initiatives).																			
Project Forecast				Project Detailed Forecast																			
		<u>Revenue</u>																					
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>									
2020	63,600	63,600	0	5411 Construction Contracts-Non TCA																			
2021	63,600	63,600	0		63,600	63,600	0	0	0	0	0	0	0	127,200									
2022	0	0	0	Total	63,600	63,600	0	0	0	0	0	0	0	127,200									
2023	0	0	0	Revenues																			
2024	0	0	0	160 Capital Expenditure Reserve																			
2025	0	0	0		63,600	63,600	0	0	0	0	0	0	0	127,200									
2026	0	0	0	Total	63,600	63,600	0	0	0	0	0	0	0	127,200									
2027	0	0	0																				
2028+	0	0	0																				
	127,200	127,200	0																				
Historical Approved Budget																							
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>																				
2019	63,600	63,600	0																				
Related Projects				Operating Budget Impact																			
Year Identified	Start Date	Project Type for 2020		Project Lead						Est. Completion Date													
2019	April 1, 2019	Growth: 100.0 % Maintenance: 0.0 %		Norm Synnott						2021													



Project Version Summary

Project #	ITC-007-07	Service Area	Office of the CFO
Budget Year	2020	Department	Information Technology
Asset Type	Unassigned	Division	Administration - Info. Tech.
Title	Corporate Intranet Redesign & Internet Accessibility Improvements		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The growing demand for e-Government or digital services for residents, visitors and businesses, requires an ongoing investment to continually modernize our services and service delivery mechanisms.

For visitors of the City's website, future initiatives will allow for enhanced delivery of municipal services. Continual enhancements to functionality will be required to meet the continual and evolving needs.

This is evident with the introduction of the MyWindsor Self Service online automation project that will provide citizens and businesses the ability, with their own secured single "MyWindsor" account, to (among other things);

- view their own information such as property tax;
- place a request for a product or service like applying for permits or licenses;
- completing online registrations;
- pay for these services

Project Comments/Reference

7075017

Version Description

The demand for public facing websites and web technology to deliver e-Government services to Residents, visitors and businesses in an effort to modernize our services and as a primary service channel is growing significantly. The funds requested in 2022 and beyond will be used to upgrade licenses to keep the technology current or migrate to a new platform based on industry trends and Corporate needs. The continual deployment of changing technology is necessary to continue increasing the efficiency and productivity of Citizens and employees.

Version Comments

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5411	Construction Contracts-Non TCA									
2021	0	0	0		0	0	850,000	0	0	850,000	0	0	150,000	1,850,000
2022	850,000	850,000	0	Total	0	0	850,000	0	0	850,000	0	0	150,000	1,850,000
2023	0	0	0	Revenues										
2024	0	0	0	169	Pay As You Go - Capital Reserve									
2025	850,000	850,000	0		0	0	425,000	0	0	425,000	0	0	75,000	925,000
2026	0	0	0	221	Service Sustainability Investm									
2027	0	0	0		0	0	425,000	0	0	425,000	0	0	75,000	925,000
2028+	150,000	150,000	0	Total	0	0	850,000	0	0	850,000	0	0	150,000	1,850,000
	1,850,000	1,850,000	0											
Historical Approved Budget														
		Revenue												
Year	Total Expense	Net City Cost	Subsidies											
2007	25,000	25,000	0											
2008	100,000	100,000	0											
2009	400,000	400,000	0											
2010	500,000	500,000	0											
2011	625,000	625,000	0											
2019	850,000	850,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	No Operating Budget Impact								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2007	January 1, 2007	Growth: 0.0 % Maintenance: 0.0 %		Norm Synnott				Ongoing						



Project Version Summary

Project #	ITC-001-12	Service Area	Office of the CFO
Budget Year	2020	Department	Information Technology
Asset Type	Unassigned	Division	Business Process Modernization
Title	Fire and Rescue Records Management and Computer Aided Dispatch System Initiatives		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

To implement the following technology at Windsor Fire and Rescue Services (WFRS):

- Phase 1: A “full feature” fire records management solution (fire RMS) that will improve data accessibility and reliability for emergency responders and administrators
- Phase 2: An upgraded computer-aided dispatch (CAD) solution and other related programs to modernize the technology at WFRS

WFRS has fallen significantly behind all other major Canadian fire agencies in the use of IT for service improvement and enhancement, specifically for creating fire RMS data, making that information available 24/7 on mobile devices, and accessing corporate records. In addition to supplementing operational activities, the above new technologies are needed to provide management decision support, allow for information exchange, and expedite decision-making within WFRS and with senior City management.

The department’s strategic focus is to move from ‘just keeping the lights on’ to providing incremental improvements toward achieving excellence and realizing its business goals. The acquisition of a full feature fire RMS and an upgraded CAD will help to realize that vision.

Phase 1 – Fire RMS:
 A fire RMS can save lives. It does this by compiling information quickly from unrelated programs to facilitate decision-making during emergencies. Additionally, its sophisticated analytics allow administrators to design better plans for protecting the community.

Fire RMSs are used throughout the industry to address the specialized data capture and reporting needs of emergency response agencies. The technology’s modular design includes the ability to track incidents, inspections, personnel, shift assignments, training, and asset inventories/maintenance. For departments that already have computer programs to manage this information, a fire RMS can act as a layer above those systems, populating them with data while providing a simplified user experience and a similar look-and-feel across the various modules.

Additionally, a fire RMS unifies records pertaining to people, properties, and emergency vehicles, and this allows for easier and more accurate report generation.

Phase 2 – CAD:
 A CAD system is an essential tool for emergency services, and the effective use of one can shorten response times and result in reduced damage to health and property. This project is for improvement and modernization of the dispatch function and all related processes associated with it.

Project Comments/Reference

7183016

Version Description

WFRS requires the full functionality of a Fire RMS as well as modernized dispatch processes and associated technology. Due to the size of this project, the intent is to implement it in phases.

- Phase 1 would consist of the fire RMS and would be implemented in two stages. Stage 1 would focus on the needs of Personnel, Property, Incidents, Training and Inspections. Stage 2 would address the remaining modules of a fire RMS. . Please note: There was some urgency to act on implementing phase 1 in 2018, thus Council approved (#C126/2018) on July 23, 2018 which approved a pre-commitment of funding from year 2021 in the amount of \$784,960 to be available for use beginning in 2018 inclusive of applicable financing costs.
- Phase 2 would begin in 2026+ with the modernization of dispatch and all related processes and technology.

Version Comments

PRE-COMMITMENT:
 CR396/2018 , Report # C 126/2018, approved a pre-commitment of \$784,960 in 2021.

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies											
2020	0	0	0	Expenses										
2021	800,000	800,000	0	5411	Construction Contracts-Non TCA									
2022	0	0	0		0	800,000	0	0	0	0	100,000	100,000	2,000,000	3,000,000
2023	0	0	0	Total		0	800,000	0	0	0	100,000	100,000	2,000,000	3,000,000
2024	0	0	0	Revenues										
2025	0	0	0	169	Pay As You Go - Capital Reserve									
2026	100,000	100,000	0		0	800,000	0	0	0	0	100,000	100,000	2,000,000	3,000,000
2027	100,000	100,000	0	Total		0	800,000	0	0	0	100,000	100,000	2,000,000	3,000,000
2028+	2,000,000	2,000,000	0											
3,000,000		3,000,000	0											
Historical Approved Budget														
Related Projects				Operating Budget Impact										
Follows	Project Title			Effective Date	Description								Exp/(Rev)	FTE Impact
FRS-002-07	Fire & Rescue Computer-aided Dispatch System (CRISYS)			2022-01-01	Annual maintenance fee for the new system would be \$87,160 and the current budget is \$66,170								20,990	0
				2022-01-01	New System Administrator staff position required upon go-live of fire's RMS Stages 1&2								100,000	1
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date					
2012	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %		Trevor Bennet					2026+					



Project Version Summary

Project #	ITC-001-09	Service Area	Office of the CFO
Budget Year	2020	Department	Information Technology
Asset Type	Unassigned	Division	End User Management
Title	Corporate Facilities Content Access Improvements		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
Video display and improved access at locations that have employees without computer access and in meeting rooms where collaboration can significantly improve efficiency and service levels.				<p>There are many City of Windsor facilities (including Little River & Lou Romano Pollution Control plants, some City Recreation Facilities and City Libraries) that do not have fibre connectivity. Additionally, over time, the City will take ownership of new facilities that also do not have connectivity. Planning for these requirements is key to ensuring that all employees have connectivity to our City infrastructure going forward.</p> <p>The trend for content access demand within the corporate community continues to increase, with the technology required to deliver this medium changing at an equal pace. Video messaging and training is easily downloadable or streamed directly to computers. Access to work related and personal content at remote sites continues to expand as evidenced with the introduction of MyInfo and Workforce Management applications. Putting in place the technology and network infrastructure required to support the anticipated future demand for stand-alone and corporate content access is a critical component in delivering the medium.</p>											
Project Comments/Reference				Version Comments											
7101007															
Project Forecast				Project Detailed Forecast											
		<u>Revenue</u>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>	
2020	200,000	200,000	0	5411 Construction Contracts-Non TCA											
2021	0	0	0		200,000	0	200,000	0	0	0	0	0	200,000	600,000	
2022	200,000	200,000	0	<u>Total</u>	<u>200,000</u>	<u>0</u>	<u>200,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>200,000</u>	<u>600,000</u>	
2023	0	0	0	Revenues											
2024	0	0	0	169 Pay As You Go - Capital Reserve											
2025	0	0	0		200,000	0	200,000	0	0	0	0	0	200,000	600,000	
2026	0	0	0	<u>Total</u>	<u>200,000</u>	<u>0</u>	<u>200,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>200,000</u>	<u>600,000</u>	
2027	0	0	0												
2028+	200,000	200,000	0												
	600,000	600,000	0												
Historical Approved Budget															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2010	150,000	150,000	0												
Related Projects				Operating Budget Impact											
				<u>Effective Date</u>	<u>Description</u>							<u>Exp/(Rev)</u>	<u>FTE Impact</u>		
				Unknown	No Operating Budget Impact							0	0		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2009	January 1, 2010	Growth: 100.0 % Maintenance: 0.0 %	Earl Larking	Ongoing											



Project Version Summary

Project #	ITC-001-19	Service Area	Office of the CFO
Budget Year	2020	Department	Information Technology
Asset Type	Unassigned	Division	End User Management
Title	Funding for Microsoft Software		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Version Description
<p>Desktop computers and most servers at the City of Windsor require a number of Microsoft licenses to deploy. Desktops run on Microsoft Windows and utilize the Microsoft Office suite of products. Most servers run Microsoft Windows for Servers and many databases are Microsoft SQL. Our email system utilizes Microsoft Exchange and our Web environment is built on the Microsoft SharePoint platform. The Microsoft Corporation licensing fees required to run these products are very expensive.</p> <p>Microsoft refreshes / updates their software with new versions every few years and currently discontinue support for older versions after 10 years. We currently budget for new software versions on a five-year cycle but in most cases have been able to extend their use beyond 5 years. In 2018 the City refreshed most of our Microsoft licenses, upgrading to the current version of software.</p> <p>While implementing these perpetual Microsoft licences will allow us to function for the next 5 years, we do need to begin planning for the future of Microsoft products in our environment. This includes considering future deployment and support processes, as well as, the costing impact to the City.</p> <p>Gartner, world's leading research and advisory company, is advising that organizations budget to subscribe to Office 365 ProPlus (or an Office 365 bundle that includes it) by October 2020 or rebuy traditional licences every five years (or less, if available) if you have plans to use Exchange Online or SharePoint Online with traditional editions of Outlook and other Office client software.</p> <p>As noted above, this may be the last time we can purchase perpetual Microsoft licenses, as Microsoft are changing their software licensing model to subscription-based licensing and moving a lot of their services into the cloud.</p> <p>Microsoft plans on releasing updates to all its applications and operating systems on a 6-month basis with support diminished to 18 months from the time of release. Moving to a subscription-based model is costlier than deploying perpetual licences and utilizing those licences until they are no longer supported.</p> <p>Currently, we have been financing the Microsoft licenses through a portion of the annual \$480 PC Maintenance and Support Reserve fees of \$40 / month. Each user account on our system requires Microsoft licensing. Almost all user accounts utilize a City desktop or laptop and a portion of this \$40 / month fee has covered the Microsoft licenses.</p> <p>The Work Force Windsor project will add approximately 1,500 new user accounts that are not directly associated with a City desktop or laptop and that are not part of the annual PC Maintenance and Support Reserve program which covers the cost of Microsoft licensing. The Work Force Windsor project start-up costs and the excess in the PC Maintenance and Support Reserve (by our past practise of extending software beyond five years) was able to cover the initial Microsoft licenses purchased in 2018.</p> <p>With the increased cost of Microsoft licenses and the extra licenses needed for the new Work Force Windsor user accounts, the PC Maintenance and Support Reserve will be unable to fund the necessary Microsoft licensing after five years when the next license purchase is required. Computer software is critical to the operation of the City of Windsor, and in most cases licensing fees are unavoidable and expensive.</p>	<p>The funds requested in 2026 and beyond will be used to cover the shortfall in the PC Maintenance and Support Reserve account to procure future Microsoft licenses.</p>
Project Comments/Reference	Version Comments

Project Forecast				Project Detailed Forecast										
Year	Total Expense	Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
		Net City Cost	Subsidies											
2020	0	0	0	Expenses										
2021	0	0	0	5410	Construction Contracts - TCA									
2022	0	0	0		0	0	0	0	0	0	600,000	600,000	600,000	1,800,000
2023	0	0	0	Total	0	0	0	0	0	0	600,000	600,000	600,000	1,800,000
2024	0	0	0	Revenues										
2025	0	0	0	221	Service Sustainability Investm									
2026	600,000	600,000	0		0	0	0	0	0	0	600,000	600,000	600,000	1,800,000
2027	600,000	600,000	0	Total	0	0	0	0	0	0	600,000	600,000	600,000	1,800,000
2028+	600,000	600,000	0											
1,800,000		1,800,000	0											
Historical Approved Budget														
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				2026-01-01	Unless this ongoing, yearly funding is approved or a new funding model is developed to cover the future costs for Microsoft's new subscription based, cloud software licensing model, an extremely large increase to departmental pc maintenance fees will be required from all departments.								1	0
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date					
2019	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %		Earl Larking					Ongoing					



Project Version Summary

Project #	ITC-002-19	Service Area	Office of the CFO
Budget Year	2020	Department	Information Technology
Asset Type	Unassigned	Division	Enterprise Systems
Title	Municipal Tax System		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Version Description
<p>The AMANDA Enterprise System (AMANDA) is a corporate-wide application that the City of Windsor (City) uses to help manage and support several City services. In AMANDA, the Tax module is currently used by the Finance department to manage the issuance of property tax bills and the collection of revenue. As the main source of revenue for the City, approximately \$408M is collected through this system.</p> <p>The software vendor, CSDC Systems, has announced the end-of-life period for the current Tax module within AMANDA. CSDC made the decision to remove the Tax module from their list of software product offerings with immediate effect and with no application upgrades available to the existing version. CSDC has estimated that support for the existing version of the Tax module will end in approximately 3 years. Other modules in AMANDA such as Permitting, Licensing and Compliance, etc. will not be impacted.</p> <p>The City must procure and implement a new Tax System from another software vendor to replace the current Tax module in AMANDA. It is critical that this new system be implemented prior to support ending with CSDC to ensure the timely and accurate billing of municipal property taxes along with collection of revenue. Given the impact to revenue, this presents a significant risk to the City as property tax revenue funds the majority of our City services.</p> <p>The \$408M worth of yearly revenue collected through the AMANDA Tax Module includes property tax revenue and other tax revenue administered by the Finance department for the English Separate School Boards, English Public School Board, French Separate School Board, French Public School Board, Enwin Utilities and the Provincial Offenses Act Office.</p> <p>Delivery of a new Tax System will occur in 3 major phases:</p> <p>Phase 1: Tax System Discovery and Procurement Phase 2: Implementation of a New Tax System Phase 3: Deployment of a New Tax System</p> <p>The estimated cost of this project of \$2.5M is based on the previous implementation of the AMANDA Tax module plus anticipated resource costs.</p>	<p>Delivery of a new Tax System will occur in 3 major phases and will require capital funding for the software implementation costs, customization and data conversion costs, maintenance and support fees along with additional resources for the following:</p> <p>Phase 1 (Q4 2018- Q2 2020): Tax System Discovery and Procurement</p> <p>The replacement of the Tax System is a critical project that must be completed because the current system will no longer be offered. This creates two significant enterprise risks to the City that technology might fail to meet our needs in the delivery of services and in the portrayal of the City regarding municipal tax billings. Failure to collect revenue could pose a critical financial risk to several other enterprise risk factors in the delivery of City services.</p> <ul style="list-style-type: none"> • Gathering Requirements, RFP Process, Vendor Selection, Contract Negotiation, etc. • 20% of cost <p>Phase 2 (Q3 2020 – Q2 2021): Implementation of a New Tax System</p> <ul style="list-style-type: none"> • Software, Licensing, Data Conversion, Customization, Tax Reports & Documentation, Testing • 70% of cost <p>Phase 3 (Q4 2021): Deployment of a New Tax System</p> <ul style="list-style-type: none"> • Training, Deploy new Tax System, Provide Support After Go-Live • 10% of cost
Project Comments/Reference	Version Comments
7207000	

Project Forecast				Project Detailed Forecast										
Year	Total Expense	Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
		Net City Cost	Subsidies											
2020	233,500	233,500	0	5126	Computer Software									
2021	795,500	795,500	0											
2022	0	0	0											
2023	1,341,000	1,341,000	0											
2024	0	0	0											
2025	0	0	0											
2026	530,000	530,000	0											
2027	0	0	0											
2028+	0	0	0											
	2,900,000	2,900,000	0											
Historical Approved Budget														
Related Projects				Operating Budget Impact										
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2019	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %		Josh Higgins				2021						



Project Version Summary

Project #	ITC-008-07	Service Area	Office of the CFO
Budget Year	2020	Department	Information Technology
Asset Type	Unassigned	Division	Enterprise Systems
Title	Corporate Enterprise Resource Planning (ERP) System		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

<p>Project Description</p> <p>The focus of this project is to utilize funds to support necessary enhancements to Enterprise Resource Planning systems. Such items include System Support, Projects or Business Process Initiatives approved by the various Governance Groups that create corporate technical workplans annually. One such project is Tax Updates for HR and Payroll using Rimini Street packages. The project will remain ongoing to enable support and as subsequent workplans are approved with the continuation of additional budget funding being approved.</p>	<p>Version Description</p> <p>This project will continue to identify and resolve post upgrade (Tax and PeopleTools) issues and optimize the HRMS as well as Financial applications to meet the current business needs. Rimini Street is used for maintenance support and has an impact on ensuring funds in the long term are allocated to either consider purchases of new licenses for PeopleSoft or consider migration to a new Enterprise System. The financial system has several functional enhancements underway to improve workflow. These enhancements were approved by the PeopleSoft Managers group and monitored as part of the corporate PeopleSoft annual workplan. Further focus continues to transition to the implementation of quarterly Tax Updates for HR and Payroll using Rimini Street packages.</p> <p>2020+ – Reporting tools, enhancements to online services and in 2025 it will be 10 year’s that PeopleSoft (FIN/HRMS) has been supported by Rimini Street without a version upgrade. Research and planning must occur prior to this to ensure the sustainability of our financial and HR systems to determine the appropriate ERP roadmap for a version upgrade or software replacement. Additionally, the Workforce Management System will require system updates to remain current with the vendors support agreement. This will require upgrades to the current version and reconfiguration of business rules depending on collective bargaining changes and other related legislative changes (including Workforce Management (WFM) Contingency).</p> <p>A significant enterprise risk exists in that technology could fail to meet our needs if updates are not regularly completed on the software (tax compliance) and hardware given that we are not doing full version upgrades. Leading into the year 2025, this risk increases each year as the software will be 10 years’ out of date on the version and require a version upgrade or replacement. Both PeopleSoft HRMS and Financials will have to either be replaced or updated and the Workforce Management system will have to be kept up to date.</p>
<p>Project Comments/Reference</p> <p>7074018</p>	<p>Version Comments</p>

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	125,000	125,000	0	5411	Construction Contracts-Non TCA									
2021	250,000	250,000	0		125,000	250,000	250,000	250,000	0	516,696	2,000,000	2,154,473	2,125,000	7,671,169
2022	250,000	250,000	0											
2023	250,000	250,000	0											
2024	0	0	0											
2025	516,696	516,696	0											
2026	2,000,000	2,000,000	0											
2027	2,154,473	2,154,473	0											
2028+	2,125,000	2,125,000	0											
	7,671,169	7,671,169	0											
Historical Approved Budget				Revenues										
Year	Total Expense	Net City Cost	Subsidies	221	Service Sustainability Investm									
2007	100,000	100,000	0		125,000	250,000	250,000	250,000	0	516,696	2,000,000	2,154,473	2,125,000	7,671,169
2008	100,000	100,000	0											
2009	250,000	250,000	0											
2010	300,000	300,000	0											
2012	140,000	140,000	0											
2014	125,000	125,000	0											
2015	100,000	100,000	0											
2016	25,000	25,000	0											
2019	475,000	475,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	No Operating Budget Impact								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2007	January 1, 2007	Growth: 0.0 % Maintenance: 100.0 %		Josh Higgins				Ongoing						



Project Version Summary

Project #	ITC-011-07	Service Area	Office of the CFO
Budget Year	2020	Department	Information Technology
Asset Type	Unassigned	Division	Enterprise Systems
Title	AMANDA Information System Upgrades and Improvements		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The AMANDA Enterprise System is a Corporate wide system used by many Departments including Licensing, Building, Fire, Public Works, Property Taxes etc. Enhancements to this system are required to support business administration, accommodate legislative changes, implement software upgrade requirements, and maintain technology standards. These enhancements have been approved by the AMANDA Governance and Managers groups, and will be scheduled for the next five ten year plan. The enhancements are approved and are monitored as part of the corporate AMANDA annual work plan. With this funding strategy the goal is to primarily ensure that the system remains functional, accommodates expansion, and ensures day-to-day business continuity.

Version Description

The pre-work in preparation for the Upgrade to AMANDA 7 continues with infrastructure improvements, report 2019 - The AMANDA 7 upgrade will need to continue in order to meet vendor support requirements. This includes completing the new security framework, upgrading the infrastructure, reviewing departmental business processes and creation of departmental job aids, analysis of other corporate applications dependant on AMANDA data, extensive testing of all modules and corporate wide training on the new platform.

2020 – The AMANDA 7 upgrade continues with the infrastructure enhancements (creating two database instances) and will follow with the other milestones necessary to complete the upgrade from client to web version, which will meet the product life-cycle requirements to maintain vendor support. These milestones include completing the new security framework, upgrading the infrastructure, reviewing departmental business processes and creating departmental job aids, analysis of other corporate applications dependant on AMANDA data, extensive testing of all modules and corporate wide training on the new platform.

2021+ - Projects for consideration through Amanda Governance for Corporate departments are; Continuation of upgrade to the AMANDA application, enhancements to integrate with new initiatives i.e. Evolve, My Windsor and the new Municipal Property Tax Solution. It is anticipated that in 2025 that the AMANDA 7 version will need to be upgraded which will require project funding for the conversion, consulting services and enhancements to the application.

Implementation of additional functionality will continue that will create efficiencies needed by the corporate users as submitted through the governance process.

If maintenance upgrades are not complete and funded from year to year, significant costs for consulting and hardware purchase may occur. This includes product version and infrastructure upgrades along with modernizing the application to remain current with industry standards.

Project Comments/Reference

7075021

Version Comments

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	200,000	200,000	0	5411	Construction Contracts-Non TCA									
2021	200,000	200,000	0		200,000	200,000	300,000	200,000	200,000	200,000	0	0	1,000,000	2,300,000
2022	300,000	300,000	0											
2023	200,000	200,000	0											
2024	200,000	200,000	0											
2025	200,000	200,000	0	160	Capital Expenditure Reserve									
2026	0	0	0		50,000	50,000	75,000	50,000	0	0	0	0	0	225,000
2027	0	0	0	221	Service Sustainability Investm									
2028+	1,000,000	1,000,000	0		150,000	150,000	225,000	150,000	200,000	200,000	0	0	1,000,000	2,075,000
	2,300,000	2,300,000	0		Total	200,000	200,000	300,000	200,000	200,000	0	0	1,000,000	2,300,000
Historical Approved Budget				Revenues										
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2007	150,000	150,000	0											
2008	150,000	150,000	0											
2009	150,000	150,000	0											
2010	150,000	150,000	0											
2011	150,000	150,000	0											
2012	150,000	150,000	0											
2015	100,000	100,000	0											
2016	25,000	25,000	0											
2018	200,000	200,000	0											
2019	350,000	350,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	No Operating Budget Impact								0	0
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2007	January 1, 2007	Growth: 25.0 % Maintenance: 75.0 %	Josh Higgins	Ongoing										



Project Version Summary

Project #	ITC-001-18	Service Area	Office of the CFO
Budget Year	2020	Department	Information Technology
Asset Type	Unassigned	Division	Technology Infrastructure
Title	Online Access for Non-Network Users		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The City of Windsor on average employs approximately 3,500 people in a full-time, temporary and part-time basis (not including the Windsor Police Service). Of those 3,500 employees, roughly 1,500 of them do not have access to the corporate network. This limits the options available to communicate with employees and offer corporate resources to make them more efficient in their duties. The purpose of this project is to provide non-network users with access to corporate online resources.

The benefits of providing non-network users with corporate access includes but is not limited to:

1. Identity & Access Management

- This will offer a secure method to properly authenticate employee that are accessing our internal resources.

2. Access to the WorkForce Time & Attendance system

- A large portion of the employees without access to the corporate network work complex schedules that vary from week to week. Providing access to the WorkForce system will allow them to access their schedule, request and/or be notified of changes to their schedule, and have greater visibility into their information.

3. Access to employee self-service (My info)

- This will allow all employees to access and manage their personal information while also eliminating the need for paper-based forms. There is currently a large amount of effort exert internally administering paper-based forms. Employees will be able to access their pay advices and T4's online eliminating the need for manual distribution of these documents and many others.

4. Online training and onboarding of new employees

- This will allow the corporation to utilize online training for all employees through a consistent method reducing the need to provide onsite training. It will improve the onboarding process for documenting new employees by utilizing online forms.

5. Improved communications with employees

- This will offer enhanced tools to communicate and engage employees by allowing us to share information such as documents, videos, and announcements.

6. Offering access to other corporate applications

- With a secure method to authenticate users we will be able to offer more online tools to assist employees in effectively performing their duties.

Project Comments/Reference

Version Description

The funds requested in 2020 will be used to procure licenses for all non-network users across the corporation to access online resources. These licenses are necessary to properly authenticate all users to the WorkForce and My Info applications. This will ensure that only authorized users access corporate resources and that communications with employees is done in a secure manner. Access to the WorkForce and My Info applications will reduce the risk of payroll errors and help ensure timely and accurate payroll data while also allowing the corporation to realize administrative benefits by moving towards online forms and communication with employees.

Version Comments

PRE-COMMITMENT:
CR395/2018, Report #C 123/2018, approved a pre-commitment of \$250,000 in 2020 and \$200,000 in 2021 and \$100,00 in 2022

Project Forecast				Project Detailed Forecast										
Year	Total Expense	Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
		Net City Cost	Subsidies											
2020	250,000	250,000	0	Expenses										
2021	200,000	200,000	0	5411	Construction Contracts-Non TCA									
2022	100,000	100,000	0		250,000	200,000	100,000	0	0	0	0	0	0	550,000
2023	0	0	0	Total	250,000	200,000	100,000	0	0	0	0	0	0	550,000
2024	0	0	0	Revenues										
2025	0	0	0	169	Pay As You Go - Capital Reserve									
2026	0	0	0		250,000	200,000	100,000	0	0	0	0	0	0	550,000
2027	0	0	0	Total	250,000	200,000	100,000	0	0	0	0	0	0	550,000
2028+	0	0	0											
550,000		550,000	0											
Historical Approved Budget														
Related Projects				Operating Budget Impact										
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date					
2018	January 1, 2018	Growth: 100.0 % Maintenance: 0.0 %		Earl Larking					2022					



Project Version Summary

Project #	ITC-002-07	Service Area	Office of the CFO
Budget Year	2020	Department	Information Technology
Asset Type	Unassigned	Division	Technology Infrastructure
Title	Corporate Electronic Storage and Retrieval Systems Upgrades		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

It is becoming more difficult to keep up with the growing storage demands. The corporation needs to expand its current storage capacity, while taking advantage of newer technologies to help improve security, performance and control the increased cost. This requires a state of the art storage that is reliable and expandable. It should include a tiered architecture that allows least referenced material to be allocated to less expensive storage media. New technologies like solid State Disks, deduplication, and compression allow for better performance while built-in drive encryption increases security. It should include the ability to conduct a discovery avoiding the possibility of violating legislative requirements. This is a requirement for freedom of information requests and e-discovery rules for any dispute. Without this project we are not able to provide expected levels of Information Technology (IT) services.

Project Comments/Reference

7069900

Version Description

2020: Replace the older storage appliances that are now over 5 years old with newer storage technology. Investigate new technologies and processes that will help us organize and more effectively manage our data.

2021+: Continue expand storage to meet required growth. Implement tools to help organize data and meet retention requirements. Add security features to reduce data loss and improve privacy and security.

Version Comments

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	150,000	150,000	0	5411	Construction Contracts-Non TCA										
2021	150,000	150,000	0		150,000	150,000	150,000	150,000	150,000	100,000	100,000	100,000	150,000	1,200,000	
2022	150,000	150,000	0												
2023	150,000	150,000	0												
2024	150,000	150,000	0												
2025	100,000	100,000	0	160	Capital Expenditure Reserve										
2026	100,000	100,000	0		150,000	0	150,000	0	150,000	100,000	100,000	50,000	75,000	775,000	
2027	100,000	100,000	0	169	Pay As You Go - Capital Reserve										
2028+	150,000	150,000	0		0	90,000	0	90,000	0	0	0	0	0	180,000	
	1,200,000	1,200,000	0	221	Service Sustainability Investm										
					0	60,000	0	60,000	0	0	0	50,000	75,000	245,000	
					Total	150,000	150,000	150,000	150,000	150,000	100,000	100,000	100,000	150,000	1,200,000
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2007	75,000	75,000	0												
2008	75,000	75,000	0												
2009	200,000	200,000	0												
2012	150,000	150,000	0												
2014	150,000	150,000	0												
2015	150,000	150,000	0												
2017	100,000	100,000	0												
2018	100,000	100,000	0												
2019	150,000	150,000	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	Failing to fund the replacement of older storage will result in higher maintenance and repair costs, increase the risk of system failures resulting in lost productivity. Failing to expand the system would also result in the inability to meet regulatory compliance as we would be forced to delete information or potentially lose information assets without the proper backup and recovery capabilities. Failing to upgrade technology would increase the risk of data loss due to malware or other cyber attack.								0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2007	January 1, 2007	Growth: 60.0 % Maintenance: 40.0 %	Norm Synnott	Ongoing											



Project Version Summary

Project #	ITC-003-07	Service Area	Office of the CFO
Budget Year	2020	Department	Information Technology
Asset Type	Unassigned	Division	Technology Infrastructure
Title	Information Technology Network Infrastructure Improvements		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

<p>Project Description</p> <p>This project is critical to the Corporation's Information Technology (I.T.) Infrastructure. It allows Information Technology (I.T.) to make required improvements to the network and server infrastructure and to maintain expected levels of productivity and security, ensuring information availability to City employees and the public. The budget cuts to date severely impact Information Technology's (I.T.) ability to implement new technologies. As such, planned upgrades to the City wide connectivity will be delayed. These affect productivity, the ability to backup data, and implement new applications and services as well as required phone system upgrades and deployment of centralized administration for security cameras. Newer technologies require faster networks and until the network is upgraded we cannot move forward with these other initiatives. This will result in an infrastructure deficit that could reduce levels of availability and have a significant impact on customer service. In addition to the direct impact on service, delaying this work will also delay planned operational cost savings that are required to meet operating budget targets.</p>	<p>Version Description</p> <p>Ongoing maintenance of existing systems and deployment of new technologies is critical to maintaining expected levels of service.</p> <p>2020: Continue to expand Wi-Fi deployment. Expand the controllers and core equipment to support more WiFi Access Points. Management tools are now required for greater visibility and control of the network. Continue with installation of a fibre optic network in coordination with Public Works to improve connectivity to remote sites (currently able to add 1 or 2 sites per year). Increase connectivity in the network core with 10GB switching. Upgrade our Connecting Windsor Essex Connection to 10GB. Expand our Virtual server and upgrade our Virtual Desktop environment.</p> <p>2021+: Implementation of worldwide adoption of IVP6. Deployment of technologies like encryption, load balancing and intrusion prevention and detection. The replacement of the WLANs (wireless local area networks) may require a large portion of these funds in later years if the PAYG reserve fund cannot adequately cover the replacement costs of the WLANs and if an increase in the PAYG reserve fund does not result. Systematic upgrade and replacement of legacy systems to take advantage of new technology for improved performance and security.</p>
<p>Project Comments/Reference</p> <p>7059903</p>	<p>Version Comments</p>

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	230,000	230,000	0	2951	INTERNAL Service Salary Allocn									
2021	250,000	250,000	0			138,000	150,000	120,000	120,000	120,000	120,000	120,000	580,000	1,588,000
2022	200,000	200,000	0	5411	Construction Contracts-Non TCA									
2023	200,000	200,000	0			92,000	100,000	80,000	80,000	80,000	80,000	80,000	220,000	892,000
2024	200,000	200,000	0	Total		230,000	250,000	200,000	200,000	200,000	200,000	200,000	800,000	2,480,000
2025	200,000	200,000	0	Revenues										
2026	200,000	200,000	0	160	Capital Expenditure Reserve									
2027	200,000	200,000	0			92,000	0	0	0	80,000	80,000	80,000	80,000	220,000
2028+	800,000	800,000	0	169	Pay As You Go - Capital Reserve									
	2,480,000	2,480,000	0			0	100,000	53,000	80,000	0	0	0	0	233,000
				221	Service Sustainability Investm									
						138,000	150,000	147,000	120,000	120,000	120,000	120,000	120,000	580,000
				Total		230,000	250,000	200,000	200,000	200,000	200,000	200,000	800,000	2,480,000
Historical Approved Budget														
Year	Total Expense	Net City Cost	Subsidies											
2009	200,000	200,000	0											
2010	200,000	200,000	0											
2011	200,000	200,000	0											
2012	200,000	200,000	0											
2013	185,000	185,000	0											
2014	215,000	215,000	0											
2015	215,000	215,000	0											
2017	100,000	100,000	0											
2018	200,000	200,000	0											
2019	200,000	200,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description							Exp/(Rev)	FTE Impact	
				Unknown	Providing these funds for better IT infrastructure provides for staff efficiencies and improved services to the public, while helping keep our informational assets more secure. Cutting this budget would cause more system maintenance and down time resulting in lost productivity or service to the public. Planned operational efficiencies would be delayed or not realized resulting in higher operational budget costs.							0	0	
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date					
2007	January 1, 2007	Growth: 40.0 % Maintenance: 60.0 %		Norm Synnott					Ongoing					



Project Version Summary

Project #	ITC-005-07	Service Area	Office of the CFO
Budget Year	2020	Department	Information Technology
Asset Type	Unassigned	Division	Technology Infrastructure
Title	Corporate Data & Network Security Initiatives		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The security framework methodology implemented through this project is now being used during the implementation of new Information Technology (I.T.) projects and during change management processes to existing applications and services. Ongoing funding is required to ensure new and existing security measures are in place to meet the City's security needs. Without additional funding we limit the ability to conduct thorough assessments and that would leave us deficient in areas where security gaps are identified. This exposes us to increased security breaches, or lacking in the appropriate procedures for new technology implementations, resulting in liability, embarrassment, data loss and unavailable systems. IT security can fall into two broad categories - safeguarding data and protecting systems. As a government organization, the City of Windsor maintains both public and confidential data related to its operations, residents, businesses, and staff, in addition to developing and maintaining hundreds of systems that are critical to the operations of City government and the wellbeing of City residents, business and visitors. There are two factors that have increased the vulnerability level of data and systems, not only at the City of Windsor, but within all organizations:

1. Threat Proliferation: World-wide cyber-attacks against individuals, businesses and government organizations continue to grow. There is a common understanding in the IT and cyber security fields that these threats will continue to grow at an exponential rate. The motivation for cyber-attacks can be, financial gain, obtaining confidential information, disrupting operations, jeopardizing public safety, or simply causing embarrassment for the targeted organizations and individuals.
2. Network Proliferation: Also growing at an unprecedented rate is the size and complexity of the corporate network, which significantly increases the City's security risk exposure. The City's network was once limited to computers, printers and servers. With the rapid growth of the "Internet of Things", cloud services, and mobility, what is now connected to the network was unimaginable a few years ago, and the number connections to the network in the coming years will be limitless. While the IT Department has increased security staffing and manages security through shared responsibilities, we require funds for security tools and educational programs to give staff the means to enhance our security profile and reduce the risk of a security incident.

Project Comments/Reference

7059901

Version Description

Implementation of risk mitigation strategies as prioritized through the Security Framework Methodology will be conducted from 2020 through 2027 and beyond.

2020: Continue to remediate vulnerabilities identified in 2019 security audit. Work with newly established Cyber security insurer to improve Cyber breach response plans. Improve Information Privacy and Data loss through mobile media. Continue to strengthen remote access authentication to help mitigate a potential breach. Continue to provide security training for IT staff and awareness training for all staff around digital security. Increase network monitoring and visibility with state of the art software and security services. Increase the amount archival system event logging for better investigative and auditing. Continue to monitor threat landscape and develop remediation strategies for Cyber Security incidents.

2021+: Further fund improving cyber security around new and changing technologies, specifically cloud services and IoT (Internet of Things) deployment.

Version Comments

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	329,000	329,000	0	5411	Construction Contracts-Non TCA									
2021	176,000	176,000	0											
2022	300,000	300,000	0											
2023	300,000	300,000	0											
2024	300,000	300,000	0											
2025	100,000	100,000	0	160	Capital Expenditure Reserve									
2026	100,000	100,000	0											
2027	100,000	100,000	0	169	Pay As You Go - Capital Reserve									
2028+	500,000	500,000	0											
	2,205,000	2,205,000	0											
Historical Approved Budget				Revenues										
Year	Total Expense	Net City Cost	Subsidies	GL Account										
2008	50,000	50,000	0	160	Capital Expenditure Reserve									
2009	50,000	50,000	0											
2010	50,000	50,000	0											
2011	50,000	50,000	0											
2012	100,000	100,000	0											
2014	175,000	175,000	0											
2015	175,000	175,000	0											
2016	60,000	60,000	0											
2017	100,000	100,000	0											
2018	100,000	100,000	0											
2019	319,000	319,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	Not funding this project increases the probability of a security breach or embarrassment that could increase operational costs								0	0
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2007	January 1, 2010	Growth: 50.0 % Maintenance: 50.0 %	Steve Francia	Ongoing										



Project Version Summary

Project #	ITC-006-07	Service Area	Office of the CFO
Budget Year	2020	Department	Information Technology
Asset Type	Unassigned	Division	Technology Infrastructure
Title	Information Technology Disaster Recovery Initiatives		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 Capital funding is required for expansion and upkeep of the current data centre as technology changes and the corporate data and Information requirements continue to grow. In order to reduce the impact to Information Technology (I.T.) operations in the event of a major disaster involving the Data Centre, Information Technology (I.T.) will replicate a portion of the facility to an offsite or cloud location. This capital budget is used to reduce the risk of a data loss or service interruptions due to system failures, security breach or other disastrous event.

Version Description
 2020: Explore options with Windsor Police Service utilized some of their upgraded Jefferson facility.
 2021+: Continue to scale-out and improve as our environment grows. Continue to utilize cloud services for faster and more cost effective recovery of critical systems in the event of system failures or a disastrous event.

Project Comments/Reference
 7074016

Version Comments

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	100,000	100,000	0
2021	100,000	100,000	0
2022	100,000	100,000	0
2023	100,000	100,000	0
2024	100,000	100,000	0
2025	100,000	100,000	0
2026	100,000	100,000	0
2027	100,000	100,000	0
2028+	400,000	400,000	0
	1,200,000	1,200,000	0

Project Detailed Forecast		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
GL Account											
Expenses											
5411	Construction Contracts-Non TCA	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	400,000	1,200,000
	Total	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	400,000	1,200,000
Revenues											
160	Capital Expenditure Reserve	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	200,000	600,000
221	Service Sustainability Investm	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	200,000	600,000
	Total	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	400,000	1,200,000

Historical Approved Budget		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2007	75,000	75,000	0
2008	150,000	150,000	0
2009	175,000	175,000	0
2010	175,000	175,000	0
2012	75,000	75,000	0
2013	150,000	150,000	0
2015	100,000	100,000	0
2017	100,000	100,000	0
2018	150,000	150,000	0
2019	150,000	150,000	0

Related Projects		Operating Budget Impact			
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
			Effective Date	Description	Exp/(Rev) FTE Impact
			Unknown	No Operating Budget Impact	0 0
2007	January 1, 2010	Growth: 50.0 % Maintenance: 50.0 %	Norm Synnott	Ongoing	



Project Version Summary

Project #	ITC-012-07	Service Area	Office of the CFO
Budget Year	2020	Department	Information Technology
Asset Type	Unassigned	Division	Technology Infrastructure
Title	Corporate Telephone System Upgrades/Replacement		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
Many of our corporate phone systems are out of date and need major upgrades or replacements and we have had some significant outages as a result. Phone system outages have a direct impact on customer service and basic service delivery. This funding will also be used to investigate some of the new features available that could improve overall efficiency of our operations to determine which ones have the greatest potential to provide positive impact to service.

Version Description
2020: Upgrade older systems (Public Works, 311). Deploy Unified Communications technologies on the new platform for mobile workers. Investigate E911 solution for our distributed VoIP system.
2021+: Systematic replacement of older systems taking advantage of our improved I.T. infrastructure to reduce telecom carrier costs and improve service and reliability. Continue with solution for mobile workers including video conferencing and E911 compliance. Evaluate newer cloud communication services.

Project Comments/Reference
7032178

Version Comments

Project Forecast		Revenue	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2020	200,000	200,000	0
2021	200,000	200,000	0
2022	300,000	300,000	0
2023	100,000	100,000	0
2024	100,000	100,000	0
2025	100,000	100,000	0
2026	100,000	100,000	0
2027	100,000	100,000	0
2028+	200,000	200,000	0
	1,400,000	1,400,000	0

Project Detailed Forecast		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
GL Account											
Expenses											
5410	Construction Contracts - TCA										
		200,000	200,000	300,000	100,000	100,000	100,000	100,000	100,000	200,000	1,400,000
	Total	200,000	200,000	300,000	100,000	100,000	100,000	100,000	100,000	200,000	1,400,000
Revenues											
160	Capital Expenditure Reserve										
		78,000	0	150,000	50,000	50,000	50,000	50,000	50,000	100,000	578,000
169	Pay As You Go - Capital Reserve										
		3,000	60,000	0	0	0	0	0	0	0	63,000
221	Service Sustainability Investm										
		119,000	140,000	150,000	50,000	50,000	50,000	50,000	50,000	100,000	759,000
	Total	200,000	200,000	300,000	100,000	100,000	100,000	100,000	100,000	200,000	1,400,000

Historical Approved Budget		Revenue	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2007	100,000	100,000	0
2008	100,000	100,000	0
2009	100,000	100,000	0
2010	250,000	250,000	0
2011	100,000	100,000	0
2012	100,000	100,000	0
2015	200,000	200,000	0
2016	200,000	200,000	0
2017	200,000	200,000	0
2018	200,000	200,000	0
2019	150,000	150,000	0

Related Projects			Operating Budget Impact			
Year Identified	Start Date	Project Type for 2020	Effective Date	Description	Exp/(Rev)	FTE Impact
2007	January 1, 2010	Growth: 40.5 % Maintenance: 59.5 %	Unknown	Replacing the older systems and consolidating telecom circuits maintains telecom services and allows for potential future reductions in annual telecom circuit fees.	0	0
			Project Lead	Est. Completion Date		
			Norm Synnott	Ongoing		

2020 Approved Capital Budget



Capital Project Summaries

Office of the City Clerk



Project Version Summary

Project #	ECB-039-18	Service Area	Office of the City Clerk
Budget Year	2020	Department	Council Services
Asset Type	Unassigned	Division	Administration Council Services
Title	Ward Funds		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description										
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				This amount is set aside by Council and will be self-approved by City Council.										
Project Comments/Reference				Version Comments										
7182011				<p>PRECOMMITMENT: As per CR4/2019, Report C 217/2018, Council approved a pre-commitment of \$500,000 in 2023.</p> <p>As per B30/2019, council report C 53/2019 increase in F169 PAYG Funding per allocation in Table3 of the report. This report also approves the commitment of \$1,100,000 in 2023.</p>										
Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5410	Construction Contracts - TCA									
2021	0	0	0		0	0	0	1,600,000	0	0	0	0	0	1,600,000
2022	0	0	0		0	0	0	1,600,000	0	0	0	0	0	1,600,000
2023	1,600,000	1,600,000	0		0	0	0	1,600,000	0	0	0	0	0	1,600,000
2024	0	0	0		0	0	0	1,600,000	0	0	0	0	0	1,600,000
2025	0	0	0		0	0	0	1,600,000	0	0	0	0	0	1,600,000
2026	0	0	0		0	0	0	1,600,000	0	0	0	0	0	1,600,000
2027	0	0	0		0	0	0	1,600,000	0	0	0	0	0	1,600,000
2028+	0	0	0		0	0	0	1,600,000	0	0	0	0	0	1,600,000
	1,600,000	1,600,000	0											
Historical Approved Budget				Revenues										
Year	Total Expense	Net City Cost	Subsidies	169	Pay As You Go - Capital Reserve									
2019	500,000	500,000	0		0	0	0	1,600,000	0	0	0	0	0	1,600,000
					0	0	0	1,600,000	0	0	0	0	0	1,600,000
Related Projects				Operating Budget Impact										
Year Identified	Start Date	Project Type for 2020	Project Lead				Est. Completion Date							
2018	March 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Alexandra Taylor				TBD							



Project Version Summary

Project #	FIN-007-16	Service Area	Office of the City Clerk
Budget Year	2020	Department	Council Services
Asset Type	Unassigned	Division	Administration Council Services
Title	Ward Funds		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration.															
Project Comments/Reference				Version Comments											
7165003/7161056				As per the 2016 enhanced capital plan (B68-2015), Council approved a placeholder in the amount of \$400,000, available in 2020. PRE-COMMITMENT: As per CR93/2016 report 18120, approved a pre-commitment of \$400,000 in 2020 (\$40,000 per Ward). To date, included in this pre-commitment is \$10,000 for the Hiram Walker Commemorative Statue per CR594/2016, C176/2016.											
Project Forecast				Project Detailed Forecast											
		Revenue													
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Expenses				Expenses											
2020	400,000	400,000	0	5410	Construction Contracts - TCA										
2021	0	0	0		400,000	0	0	0	0	0	0	0	0	400,000	
2022	0	0	0		400,000	0	0	0	0	0	0	0	0	400,000	
2023	0	0	0		400,000	0	0	0	0	0	0	0	0	400,000	
2024	0	0	0		400,000	0	0	0	0	0	0	0	0	400,000	
2025	0	0	0		400,000	0	0	0	0	0	0	0	0	400,000	
2026	0	0	0		400,000	0	0	0	0	0	0	0	0	400,000	
2027	0	0	0		400,000	0	0	0	0	0	0	0	0	400,000	
2028+	0	0	0		400,000	0	0	0	0	0	0	0	0	400,000	
	400,000	400,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects				Effective Date											
				Description											
				Exp/(Rev)											
				FTE Impact											
				Unknown											
				TBD											
				0											
				0											
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2016	January 1, 2016	Growth: 100.0 % Maintenance: 0.0 %	Alexandra Taylor	Ongoing											



Project Version Summary

Project #	HCP-001-07	Service Area	Office of the City Clerk
Budget Year	2020	Department	Human Resources
Asset Type	Unassigned	Division	Administration - Human Resources
Title	Accessibility - ODA Compliance		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

<p>Project Description</p> <p>On September 25, 2006, City Council approved CR463/2006 concerning capital project 7035138 in which it confirmed the policy of the City of Windsor to support the removal of barriers for people with disabilities in corporate departments as prioritized by the Windsor Accessibility Advisory Committee.</p> <p>In addition, CR463/2006 approved the dedication of \$50,000 per year for the removal of non-built environment barriers (this portion focuses on items such as sign language interpreters, translations to more accessible formats etc.). Up to \$50,000 annually can be allocated for such purposes and any portion of the yearly \$50,000 that is not utilized rolls over to be available for built environment initiatives in future years.</p>	<p>Version Description</p> <p>This Capital project provides financial support for corporate departments to identify and provide a process to remove accessibility barriers in City properties and facilities. Departments may bring a funding application to the Windsor Accessibility Advisory Committee and the Committee makes recommendations regarding the approval of the funding applications.</p> <p>This Capital project is prioritized and administered by the Windsor Accessibility Advisory Committee (WAAC) to ensure that funding for projects to remove barriers has been reviewed by and prioritized by people with disabilities. Adequate and ongoing funding to this fund ensures that accessibility barriers to both the built and non-built environment can be adequately addressed and that the process ensure persons with disabilities are involved in the decision-making process.</p>
<p>Project Comments/Reference</p> <p>7035138 closed/7086008</p>	<p>Version Comments</p> <p>This Capital project has been extremely valuable to address the needs of Departments and our customers that go above and beyond the AODA requirements. The AODA is meant to be a proactive tool so that organizations meet certain accessibility standards but retrofits are not required under the legislation. Customers can still request improvements above and beyond the AODA and if organizations do not address reasonable requests they can face potential Human Rights complaints. This fund allows our City Departments to identify projects that fall in this gap and will offer accessibility enhancements that will then undergo the review of our Accessibility Advisory Committee to determine the projects that most meet the needs of our community.</p> <p>This project has allowed for some wonderful community projects that have greatly improved accessibility of our Corporate services and facilities over the years. Just a handful of wonderful projects this Capital Project has helped to fund :</p> <ul style="list-style-type: none"> • Accessible beach mats and 2 accessible floating Mobi Chairs at Sandpoint beach, • Hydraulic lift adult change tables at a number of facilities across the City, • Ceiling lifts, Hoyer power advanced portable lifts and also pool lifts, • Water wheelchairs and accessible floatation devices, • Additional audible pedestrian signals in key areas identified to meet community needs • Additional accessible door actuators in identified facilities • Accessible outdoor fitness equipment • Lower customer service counters • Accessible sign enhancements at a number of facilities • Accessible washroom and accessible change room upgrades at key identified facilities

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	100,000	100,000	0	5410	Construction Contracts - TCA									
2021	100,000	100,000	0		100,000	100,000	100,000	0	50,000	50,000	50,000	50,000	250,000	750,000
2022	100,000	100,000	0		Total									
2023	0	0	0		100,000	100,000	100,000	0	50,000	50,000	50,000	50,000	250,000	750,000
2024	50,000	50,000	0	Revenues										
2025	50,000	50,000	0	160	Capital Expenditure Reserve									
2026	50,000	50,000	0		100,000	100,000	100,000	0	50,000	50,000	50,000	50,000	250,000	750,000
2027	50,000	50,000	0		Total									
2028+	250,000	250,000	0		100,000	100,000	100,000	0	50,000	50,000	50,000	50,000	250,000	750,000
	750,000	750,000	0											
Historical Approved Budget														
		Revenue												
Year	Total Expense	Net City Cost	Subsidies											
2007	100,000	100,000	0											
2008	100,000	100,000	0											
2009	300,000	300,000	0											
2010	300,000	300,000	0											
2014	100,000	100,000	0											
2015	100,000	100,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	The lack of capital funding would result in deferral of repairs, further deterioration of the asset and increase the likelihood of overexpenditure in the operating budget.								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2007	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %		Gayle Jones				Ongoing						



Project Version Summary

Project #	HRS-001-19	Service Area	Office of the City Clerk
Budget Year	2020	Department	Human Resources
Asset Type	Unassigned	Division	Administration - Human Resources
Title	Diversity and Inclusion Initiative (Phases 1 and 2)		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards			
Version Name	Main (Active)		

<p>Project Description</p> <p>The Diversity and Inclusion Initiative was approved and passed by Council on June 18, 2018 (CR361/2018). At that time, Council directed Administration to bring future costing requirements for consideration at the upcoming yearly Capital Budget periods.</p> <p>The Diversity and Inclusion Initiative is a Corporate wide effort to assist in more effectively understanding and addressing the needs of everyone in our unique and diverse community. It is both a Council directive and a priority set out in the Mayor and Council's Community Strategic Plan. Phase One of the Diversity and Inclusion Initiative focuses inward on the Corporation and is focused on accomplishing a number of important and measurable Goals, Objectives, and Action Items. These are the projected costs associated with the remainder of Phase One of the Initiative, which is projected to wrap up at the end of 2020. Phase Two of the Initiative will commence at the wrap up of Phase one and the intent is for this Capital Fund to be use for both Phases of the Diversity and Inclusion Initiative.</p> <p>Related Projects:</p> <ul style="list-style-type: none"> • The Community Strategic Plan- Our Society Diverse and Caring • Rediscover our Parks Plan- One of Strategic Directions was to create more accessibility and inclusivity so all can enjoy the parks in Windsor • Huron Lodge Diversity and Inclusion Initiative • Immigration Partnership • Accessibility Improvements and planning 	<p>Version Description</p> <p>City Council Decision CR361/2018 approved the City of Windsor's Diversity and Inclusion Initiative, authorized Administration to distribute a Workforce Census to staff, provided funding in the amount of \$62,800 from the Budget Stabilization Reserve Account to cover budget needs for the remainder of 2018, directed Administration to bring forward future costing requirements as it relates to the Diversity and Inclusion initiative for Council's consideration at future Capital Budget periods.</p> <p>As this is a multi-year Initiative, sufficient, additional, ongoing funding throughout the duration of the Initiative is needed to ensure that all of the endorsed Goals, Objectives and Action Items are all appropriately addressed. As of July 26, 2019, the majority of the Action items outlined for phase one of the initiative have already been commenced and some have now been underway for over a year and others have been completed. Some of the highlights of the Initiative thus far are the roll out of the results of the first corporate workforce Census, a communication campaign, implementation of an Internal Diversity Committee, called the Inclusive Action Network, as well as 8 working Employee Resource Groups. The intent of these groups is to utilize the ideas and experiences of our diverse employees to help find effective, workable solutions to issues, while providing a space for those employees to feel more engaged with and connected to the company. To date, with the guidance and assistance of these groups, we have created a corporate Diversity Calendar, implemented a pilot project for Video remote interpreting and conducted events to bring together employees to learn about diversity (Topics have included, Black history month, Women's history month, LGBTQ+ film festival, Mental Health awareness, Intergenerational trivia, Invisible disabilities panel discussion, Canada day trivia, Brain injury awareness, and Indigenous documentaries). Staff have also been encouraged to explore reading diversity related books with our Blind date with a book program. The Inclusive action network has numerous working groups focused on reviewing hiring practices, education needs, program evaluation, communication, events and policy development. In addition to a series of diversity related webinars available to staff this fall we anticipate providing diversity training and/or workshops to approximately 700 staff, including managers and human resources. Input from this training will allow us to plan for our ongoing training needs.</p>
<p>Project Comments/Reference</p> <p>Project: 7192002</p> <p>The Mayor and City Council remain dedicated to continually taking steps to learn and grow as a community and they recognize that our diversity adds to our strength and creates an important opportunity for fostering understanding, acceptance, and innovation.</p> <p>This Diversity and Inclusion Initiative is the next proactive step to provide a detailed review and measurable plan to further enhance our efforts. Its purpose is to proactively address the every changing unique wants and needs of our diverse community and strive to attract and retain an innovative, talented, and diverse workforce with the needed skills, experience and dedication to excellence. This initiative is yet another tool to help shape our future in a direction that complements our 20 year strategic vision.</p>	<p>Version Comments</p> <p>There are seven (7) essential areas to the requirements of the Diversity and Inclusion Initiative:</p> <ol style="list-style-type: none"> 1. Enhanced Training: Enhanced training of staff throughout the Corporation on diversity and inclusion 2. Effective Communication: Includes Project Management tools, video remote interpreting costs, and printing costs 3. Leveraging Technology: Includes communication tools for Community Outreach and Project Management software 4. Inclusion Campaign: Hosting events and having displays of diversity to demonstrate our commitment to diversity, including with our Employee Resource Groups 5. Community Outreach: Consulting and communicating with key stakeholders in the community to assist with developing Phase Two of the Diversity and Inclusion Initiative 6. Efficient Project Administration: Project management to oversee Phase One and Phase 2 7. Departmental Needs: Additional printing and translation needs that may arise <p>It has been identified that effectively addressing each of these 7 areas is essential to fulfilling the measurable Goals, Objectives and Action Items in this initial phase of the Initiative. Phase one (Corporate focus) will act as the groundwork of Phase two (Community focus) so it is essential that proper resources, time and expertise is dedicated to Phase one to ensure that we have the strong foundation needed to succeed going forward. Given that the Diversity and Inclusion Initiative is a key component of the risk mitigation strategies tied to 4 of the identified Enterprise risks, this program is as a key priority for the Corporation and includes risks to Attraction & Retention; Socio-Cultural; Portrayal and Organizational Culture.</p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	120,000	120,000	0	2915	Consulting Services - External										
2021	0	0	0		120,000	0	0	0	0	0	0	0	0	120,000	
2022	0	0	0												
2023	0	0	0												
2024	0	0	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	0	0	0												
	120,000	120,000	0												
Historical Approved Budget				Revenues											
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	169	Pay As You Go - Capital Reserve										
2019	120,000	120,000	0		120,000	0	0	0	0	0	0	0	0	120,000	
Related Projects				Operating Budget Impact											
				Effective Date	Description									Exp/(Rev)	FTE Impact
				Unknown	Corporate Inclusion									0	0
				Unknown	Through the several types of risk assessments conducted at the City of Windsor, mitigation strategies have been identified to help reduce significant and critical risks to a tolerable level. The Diversity and Inclusion Initiative is a key component of the risk mitigation strategies tied to 4 of the identified Enterprise risks: 1. Attraction & Retention - Making job descriptions more flexible to ensure top candidates are not unnecessarily deemed unqualified 2. Socio-Cultural - Targeting a wider demographic through implementation of Diversity Plan 3. Portrayal - Promoting a positive message about the City, its livability and opportunities 4. Organizational Culture - Undertake targeted audits aimed at resolving cultural and organizational issues in various work areas									0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2019	June 18, 2018	Growth: 100.0 % Maintenance: 0.0 %		Gayle Jones				December 31, 2022							



Project Version Summary

Project #	HRS-002-09	Service Area	Office of the City Clerk
Budget Year	2020	Department	Human Resources
Asset Type	Unassigned	Division	Administration - Human Resources
Title	Accessibility - AODA Standard Training, Materials and Outreach		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Version Description
<p>Under the Accessibility for Ontarians with Disabilities Act 2005 (AODA) and its regulation, there are a number of legislated requirements that municipalities are required to implement/comply with.</p> <p>Municipalities must file accessibility reports with the Ministry showing that legislated requirements are met for each of the Standards. All of our reports have been filed as required every 2 years and we are on track and are in good standing for the December 2019 filing.</p>	<p>Customer Service Standard - Municipalities had to comply with the Customer Service Standard Regulation by January 2010. The compliance requirements included developing, documenting and adherence to specific policies, procedures and practices on providing goods and services to persons with disabilities and providing training to all who interact with the public or third parties on the municipality's behalf. Additionally the City has to address customer feedback requests tied to the Accessible Customer Services Standards on an ongoing basis.</p> <p>As a result of a legislative review, as of July 1, 2016 all accessibility standards — including the accessible customer service standard — became part of one regulation: the Integrated Accessibility Standards Regulation. Some new requirements, including expanded training requirements, had to be implemented by corporations.</p> <p>The Integrated Accessibility Standards (includes Accessible Information and Communication, Employment, Transportation and Built Environment Standard pertaining to the design of Public Spaces and Customer Service) involves staggered timelines. In addition to the substantive requirements to eliminate barriers for our customers and employees there are also requirements regarding training and documenting required policies and procedures and plans. Additionally the City will also address customer and employee feedback requests and remediation requests tied to the Integrated Accessibility Standards on an ongoing basis.</p>
Project Comments/Reference	Version Comments
<p>7091017</p> <p>On or about December 17, 2012, the Ontario government filed regulation O.Reg 413/12 to introduce the new Built Environment Standard pertaining to the design of public spaces into the Integrated Accessibility Standards Regulation (O. Reg. 191/11). This standard covers a variety of outdoor public spaces (walkways, play spaces, etc.) and was effective January 1, 2013. The requirements under this standard however commence as of January 2016. The built environment standard for outdoor public spaces only applies to new construction and planned redevelopments.</p> <p>The Ontario government decided that enhancements to accessibility in buildings would happen via Ontario's Building Code, which governs new construction and renovations in buildings. The new accessibility requirements under the Ontario Building Code became effective January 1, 2015. It seems only logical that the departments that are responsible for the new construction and planned redevelopments should have it built into their respective capital budgets to meet the Built Environment requirements going forward.</p> <p>Changes to the Customer Service Standard under the Accessibility for Ontarians with Disabilities Act, 2005, S.O. 2005, c. 11 ("AODA") came into force on July 1, 2016 and applies to all organizations providing goods, services or facilities in the province. All accessibility standards — including the accessible customer service standard — are now part of one regulation: the Integrated Accessibility Standards Regulation (O. Reg. 191/11).</p> <p>The upcoming funding request is for document and website remediation processes required to be in compliance with legislation. Remediation takes time and can be costly therefore, additional funding is required to help with the costs associated with completing this process by the legislated deadline.</p>	<p>This is an ongoing project regarding the implementation of legislated accessibility standards under the Accessibility for Ontarians with Disabilities Act. \$74,500 in funding is requested in 2020 to cover the costs of document and website remediation. As noted earlier, remediation takes time and can be costly therefore, funding is required in 2020 to cover the costs associated with meeting the requirements by the legislated deadline of Dec 31, 2020.</p> <p>The project was originally scheduled to close at the end of 2021 based upon the meeting the legislated due dates. Given there will be ongoing costs and responsibilities to remain in compliance after the legislated due dates, it is recommended that this project remain ongoing.</p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	74,500	74,500	0	2070	Imaging & Printing External										
2021	0	0	0			7,000	0	0	0	0	0	0	0	7,000	
2022	0	0	0	2180	Program Supplies										
2023	0	0	0			1,750	0	0	0	0	0	0	0	1,750	
2024	0	0	0	2360	Promotional Material & Product										
2025	0	0	0			18,750	0	0	0	0	0	0	0	18,750	
2026	0	0	0	2610	Travel Expense										
2027	0	0	0			2,000	0	0	0	0	0	0	0	2,000	
2028+	0	0	0	2940	Advertising										
	74,500	74,500	0			23,250	0	0	0	0	0	0	0	23,250	
Historical Approved Budget				Revenues											
Year	Total Expense	Net City Cost	Subsidies	GL Account											
2009	100,000	100,000	0	4050	Training Courses										
2013	32,000	32,000	0			6,250	0	0	0	0	0	0	0	6,250	
2014	52,000	52,000	0	4295	Public Relations										
2017	51,500	51,500	0			15,500	0	0	0	0	0	0	0	15,500	
					Total	74,500	0	0	0	0	0	0	0	74,500	
				Operating Budget Impact											
				Effective Date	Description									Exp/(Rev)	FTE Impact
				Unknown	No operating budget impact.									0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2009	January 2, 2017	Growth: 100.0 % Maintenance: 0.0 %		Gayle Jones				Ongoing							



Project Version Summary

Project #	HRS-002-11	Service Area	Office of the City Clerk
Budget Year	2020	Department	Human Resources
Asset Type	Unassigned	Division	Administration - Human Resources
Title	Corporate Employee Online Training Programs		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

<p>Project Description</p> <p>This capital project will create online learning programs for courses currently offered by Human Resources including our Health & Safety Advisors. Online Training Courses will comprise of the following: Asbestos Awareness, Fuelling/Refuelling, Noise training and other non hands-on training components. In 2011 the Corporate Employee Safety Orientation Program (CESO) was converted to online format. The online CESO format was made available to new hires in July of 2012 and to all staff as of January 2013. The CESO program includes the following training programs: WHMIS; Orientation to Health and Safety Legislation, including the Duties and Responsibilities of specific workplaces parties, i.e. the Employer, Supervisor and Workers as well as the Right to Refuse work legislation and the requirement to report accidents and injuries under WSIB legislation; ladder safety; fire extinguisher use; the corporate Respectful Workplace Program, which includes instruction on workplace violence and harassment, human rights, standards of employee deportment and conflict of interest; and back care and injury prevention programming.</p> <p>The CESO Online program was developed by the provider in a format that cannot be altered (Flash). In 2014, Human Resources purchased the Adobe Captivate software which allows us to create but we are unable to update. Additional software is required to allow us the ability to update the Programs.</p>	<p>Version Description</p> <p>In 2014 the two existing Vehicle Fuelling programs were converted to an online format training program. The requirement to provide training on safe fuel dispensing and emergency spill processes is regulated by the Technical Standards Safety Association (TSSA). In order to meet these requirements an online program is now being provided to corporate staff. The program is designed to acquaint workers with the hazards of handling and dispensing gasoline and diesel fuel, the steps required in the event of a fuel spill and an overview of how to use the fuel dispensing system at corporate fueling sites. The TSSA requires that all workers who dispense fuel receive training on fuel safety on a five-year renewal basis.</p> <p>Moving forward we will need to implement an online Vehicle Fuelling Program and the update of the New Employee Orientation Video to reflect the changed information, further the current CESO – Day 1 program and Video will be converted into a more user friendly format, inclusive of continuous updating as information and Legislation changes. Programs required to be updated for Canada Labour Code difference are being done.</p> <p>Additionally, in 2016, our Asbestos Awareness Training program was converted and implemented in an on line format, utilizing the updated format. Working With Asbestos will not be converted to an online version given the requirements for hands on training.</p> <p>The next programming to be created in online format is CESO – Day 2, providing Transit with their own Orientation Video given the differences; and completing crossing guard training.</p> <p>Day 2 of the CESO online training program has specific content for our drivers as well as other mandatory components. The specific content of Day 2 of CESO is: Commercial Vehicle Pre-Trip Inspection, Traffic Control Roadway Operation, Corporate Equipment Safety Program, Hours of Services and Noise training. Additional mandatory training due for conversion is Asbestos Awareness.</p>
<p>Project Comments/Reference</p> <p>7125000</p> <p>Currently, the Corporation is working with Communications to convert the monthly Safety Talks to Video updates to reach a greater number of employees and at their convenience as they will be online. We are also moving forward with developing an online video to provide for WFM introductory training for new employees. Further, given our alignment with Transit Windsor, all Programs require updating to include adherence to the Canada Labour Code.</p>	<p>Version Comments</p> <p>A number of challenges have occurred with our original provider for on-line training as well as the delivery of training to our staff was not compatible with our current systems. Having had success with our new provider who converted our Gas/Diesel Fuelling Program, this provider has been engaged to begin converting the basic mandatory health and safety programs contained in our CESO program. In 2016, our Ladder Safety and Fire Extinguisher programs have been converted into user friendly on-line training programs. In 2020 we will continue to work towards the conversion of the remaining component programs of our CESO Day 1 and 2 Program, as well as the New Employee Orientation Video with an updated Software. Moving forward we will work towards the conversion of other mandatory health and safety training programs, and specifically, Hours of Service, Commercial Vehicle Pre-Trip Inspection, and Traffic Roadway Operations. These programs are suited to on-line learning as none have requirements for hands-on interaction with a facilitator and thereby freeing up our Occupational Health and Safety Advisors to devote their time and skills to compliance monitoring and assessments while providing training in a readily accessible format for our workforce.</p>

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	2950	Other Prof Services-External									
2021	20,000	20,000	0		0	20,000	0	0	0	0	0	0	0	20,000
2022	0	0	0	Total	0	20,000	0	0	0	0	0	0	0	20,000
2023	0	0	0	Revenues										
2024	0	0	0	169	Pay As You Go - Capital Reserve									
2025	0	0	0		0	20,000	0	0	0	0	0	0	0	20,000
2026	0	0	0	Total	0	20,000	0	0	0	0	0	0	0	20,000
2027	0	0	0											
2028+	0	0	0											
	20,000	20,000	0											
Historical Approved Budget														
		Revenue												
Year	Total Expense	Net City Cost	Subsidies											
2012	20,000	20,000	0											
2013	20,000	20,000	0											
2014	20,000	20,000	0											
2016	20,000	20,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	Annual maintenance of the online learning programs								0	0
				Unknown	Operational efficiencies achieved with creating Online Learning Programs include the following: The Health and Safety Advisors are not spending their time teaching in classrooms and are out in departments addressing concerns, working with managers on a proactive basis as it relates to safety; employees have the flexibility of taking the online courses according to their schedule and there is no concern with employees getting to or from the training thus removing the reliance on physical attendance; the Corporation does not need to be concerned with scheduling, overtime or replacement costs as the online training is available at all times; the message and content is consistently delivered; and if an employee does not understand the contents of the course, one can re-take the course as often as they feel comfortable with the information.								0	0
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2011	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %	Vincenza Mihalo	2021										



Project Version Summary

Project #	HRS-002-17	Service Area	Office of the City Clerk
Budget Year	2020	Department	Human Resources
Asset Type	Unassigned	Division	Administration - Human Resources
Title	Corporate Ergonomic Equipment		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

In order to move into a more proactive approach towards ergonomics, in 2016 Human Resources, with the endorsement of the Chief Administrative Officer, the Corporate Leadership Team and City Council, moved away from the third party contracted service for the completion of ergonomic assessments and wellness programming to the establishment of an in-house ergonomist and wellness specialist.

As part of our proactive approach and ongoing commitment to our employees well being, inclusive of cost reductions, a Musculoskeletal Prevention Program is being recommended to address ergonomic issues arising from Ministry of Labour orders, WSIB Claims, new work processes, legislative changes and requirements for the Corporation. With approved funding to purchase needed equipment, this project will be designed to implement a robust Musculoskeletal Prevention Program which once established, will enable us to move towards continuous improvement by funding opportunities that may arise to gain insight on new ergonomic research, initiatives and leading technologies being made available.

The enforcement of ergonomics by the Ministry of Labour has typically been under the general duty clause of Section 25(2)(h) and Section 25 (2)(d), employers' duty to acquaint their workers with hazards of the Occupational Health and Safety Act (OHSA). In addition, orders are issued under various related regulatory requirements, such as safe handling of materials under the Industrial Establishments Section 45 and provision of adequate lighting under Section 21.

In 2018 the MOL implemented an Ergonomics Initiative targeting public works. In June of 2019 we moved through the first phase of this Initiative with an administrative review of our Musculoskeletal Prevention Program. In the fall of 2019 the MOL will be conducting site visits to our Crawford Yard and Pollution Control Plants to view and assess the ergonomic aspects of work performed there.

Version Description

We foresee using the funds in this request to cover such expenses as:

- Purchase of ergonomic software
- Purchase of various measuring tools used to assess risk of ergonomic injuries
- Provide for any calibration that may be required of the measuring tools based on usage
- Purchase of ergonomic equipment and tools for our Corporate Training room to accommodate employees' needs
- Purchase of ergonomic equipment, software and tools to be used during our Recruitment Process should a candidate voice an accommodation need
- Purchase of training programs for targeted types of jobs, such as fire fighting and health care and types of work, such as the manual material handling that routinely occur in Public Works.
- Implement items that may come forward given the Ministry of Labour review in the Fall of 2019

Project Comments/Reference	Version Comments
<p>This project represents the Corporation's ongoing commitment to ensure the Corporation's health & safety standards and plans are functioning properly. With the implementation of our robust Musculoskeletal Prevention Program, actions can be taken to proactively work towards reducing workplace injury risk. In the long run, assist with not only lowering our health care costs, but can also assist with reducing worker's compensation claim costs and long term and short term disability rates. Program implementation steps require us to purchase appropriate equipment/tools/software that we do not currently have to properly assess ergonomic hazards along with the required maintenance of these items. As ergonomic assessments continue to be completed, requiring changes, implementations and standards must be accommodated which comes at a cost. This can include upgrading current workstations to provide same equipment standards for all workers to meet compliance and addressing environmental issues such as lighting etc.</p> <p>The cost of purchasing measurement equipment for our employees lowers our WSIB claims, STD and LTD costs, lowers our attendance claims and provides for higher productivity.</p>	<p>Moving our Musculoskeletal Prevention Program forward, we have introduced the MSD Procedure and the on-line Injury Prevention training program, the latter of which provides specific detail on safe guarding workers from ergonomic-type injuries. The request of \$35,000 will assist with the purchasing of the software and appropriate tools to continue completing our ergonomic assessments in house, inclusive of the calibration of these tools as required. This cost also covers ongoing annual costs related to replacing tools and calibration of these tools. In addition, in the upcoming year we will be looking to implement training specific to the different areas of work undertaken by workers of the Corporation where our injury statics demonstrate higher rates of MSD injuries.</p> <p>The hazards that can cause musculoskeletal concerns are usually associated with the physical demands of work activities. For example, employees may injure themselves by:</p> <ul style="list-style-type: none"> • Lifting or pushing loads that require excessive force; • Reaching or bending in an awkward posture; • Holding the same position for a long time; or • Repeating the same movements over and over with little chance for rest or recovery. <p>As we continue to undertake the implementation of our corporate Musculoskeletal Prevention Program, our Ergonomist and Wellness Specialist will work together with our Health & Safety Advisor and Disability Management Specialists, to provide an overall Prevention, Accommodation and Accident/Incident Reduction Plan for our employees resulting in a robust and well round Health, Safety and Wellness Program.</p> <p>As the MOL completes their Ergonomic Initiative with the Corporation this fall by conducting site visits to our Crawford Yard site and Pollution Control plants, we anticipate the possibility of orders being issued designed to enforce implementation of changes to the manner in which different types of work are performed and managed. Depending upon what orders are issued, there may be a cost incurred to ensure compliance and the funds being requested will assist us with achieving compliance and maintaining new ergonomic practices at these worksites. . In anticipation of the potential costs resulting from any orders issued by the MOL in relation to this Initiative, we are requesting to move up the funding for this project established for 2024.</p> <p>The hazards that can cause musculoskeletal concerns are usually associated with the physical demands of work activities. For example, employees may injure themselves by:</p> <ul style="list-style-type: none"> • Lifting or pushing loads that require excessive force; • Reaching or bending in an awkward posture; • Holding the same position for a long time; or • Repeating the same movements over and over with little chance for rest or recovery. <p>Through the application of ergonomics principles, to be implemented within our Musculoskeletal Prevention Program the risk of injury posed by such hazards can be eliminated or reduced.</p> <p>This program will include the following aspects:</p> <ul style="list-style-type: none"> • an implementation plan; • a hazard identification and assessment methodology; • hazard identification and assessment; • preventive measures; • employee education; and • a program evaluation. <p>Within a Musculoskeletal Prevention Program, our Ergonomist and Wellness Specialist will work together with our Health & Safety Advisor and Disability Management Specialists, to provide an overall Prevention, Accommodation and Accident/Incident Reduction Plan for our employees resulting in a robust and well round Health, Safety and Wellness Program.</p>

Project Forecast				Project Detailed Forecast											
Year	Total Expense	Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
		Net City Cost	Subsidies												
2020	0	0	0	Expenses											
2021	0	0	0	5110	Machinery & Equipment - TCA										
2022	0	0	0		0	0	0	0	35,000	0	0	0	0	35,000	
2023	0	0	0	Total	0	0	0	0	35,000	0	0	0	0	35,000	
2024	35,000	35,000	0	Revenues											
2025	0	0	0	169	Pay As You Go - Capital Reserve										
2026	0	0	0		0	0	0	0	35,000	0	0	0	0	35,000	
2027	0	0	0	Total	0	0	0	0	35,000	0	0	0	0	35,000	
2028+	0	0	0												
	35,000	35,000	0												
Historical Approved Budget															
Related Projects				Operating Budget Impact											
				Effective Date	Description									Exp/(Rev)	FTE Impact
				Unknown	No operating budget impact.									0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2017	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Julie Ryckman				Ongoing							



Project Version Summary

Project #	HRS-002-08	Service Area	Office of the City Clerk
Budget Year	2020	Department	Human Resources
Asset Type	Unassigned	Division	Occupational H&S & Wellness
Title	Corporate Health and Safety Program - Assessments		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

<p>Project Description</p> <p>This project was created to fund health and safety issues arising from Ministry of Labour orders, new work processes, legislative changes and requirements for the Corporation. Over the past several years, the Ministry of Labour and the Workplace Safety and Insurance Board have been much more proactive with companies who don't measure up to health & safety rules and regulations. The Ontario Ministry of Labour has made a commitment to audit and inspect every employer in Ontario. The Ministry is targeting all employers, starting with workplaces with poor health & safety records. Accordingly, the Ministry of Labour has hired and trained hundreds of new health & safety inspectors since 2004. The government is clearly determined to level the playing field for all companies and to penalize those organizations who are trying to gain an unfair advantage by ignoring health & safety.</p> <p>Since March 31, 2004, new occupational health & safety duties and criminal liabilities added to the Criminal Code (in Bill C-45) affect both individuals and organizations in Canada. For the first time, both individuals and organizations (including directors, executives and managers) are under an increased obligation to take reasonable steps to protect workers and the public; they must ensure accountability for a safe work environment or the Corporation faces a heightened risk of additional orders, fines and penalties.</p> <p>Given the size of the Corporation's workforce, the number of worksites, the range of types of work we undertake each day and our commitment to maintaining compliance with OHSA reporting requirements, the MOL visits our sites on a continuous and proactive basis.</p>	<p>Version Description</p> <p>The following are the types of health and safety issues which are commonly in need of addressing but without dedicated funding:</p> <ul style="list-style-type: none"> - assessments of indoor air quality concerns (i.e. humidity, confirmation of compliance on exposure limits), average cost \$1,500 per assessment - industrial hygiene assessments for the presence of mould, average cost \$1,700 per assessment - engineering assessments for implementing engineering controls (i.e. retrofitting current equipment and developing specifications for purchases of new equipment) the costing for which varies due to factors such as the complexity of the equipment/process, the number of pieces of equipment affected, etc. <p>-In June of 2018, the Corporation was notified that the Workplace Safety and Insurance Board would conduct a WorkWell Assessment for Transit Windsor. The results of this Assessment may require changes or new processes be implemented that have financial requirements.</p> <p>-Each year the MOL conducts a number of targeted safety blitzes based on accident and injury data from Ontario Workplaces. An example of such a blitz is the annual Young Worker Safety blitz, which can include random site visits at worksites where our student lottery hires are deployed, and have the potential to result in orders to the Corporation if non-compliance is identified at any site. Achieving compliance with orders may require financial resources to undertake such items as training, purchase of equipment and/or personal protective equipment and hygiene testing. Other blitzes occurring in 2020 are machine guarding and slips, trips and falls.</p>
<p>Project Comments/Reference</p> <p>(Closed: 7091019 - Project funding of \$100,000 approved in 2009) Active: 7081015</p> <p>This project represents the Corporation's ongoing commitment to ensure the Corporation's health & safety standards and plans are functioning properly. Once testing and assessments are completed, the required changes, implementations, and safety standards must be accommodated which comes at a cost.</p>	<p>Version Comments</p> <p>In 2012 a project was undertaken through an RFP process for the conducting of asbestos surveys and designated substance assessments over a 5 year period. Initially, 29 corporately-owned sites were prioritized making up the majority of the primary sites where our employees work. Having completed surveying of the 29 sites originally prioritized, we are moving on to complete surveys for the remaining sites which our employees attend, possibly on a less frequent basis; sites which may have only partial surveys; and newly acquired properties. As of August 2018, our records indicate the Corporation owns 222 properties. The cost of individual site surveys varies depending on such factors as the total square footage, number of renovations and year of build. In 2019 to-date, a comprehensive survey is being completed and documented for the Roseland Golf and Curling Club. As of the time of this report, 59 properties remain in need of surveying additional surveys will potentially be completed in 2019. Given the ongoing need for asbestos surveying, we will be making a funding request through the Operating Budget.</p> <p>For 2018/2019 WSIB will be reviewing the health & safety and return to work practices & procedures of Transit Windsor. After the review, WSIB may make recommendations or order the Corporation to make necessary improvements to help prevent injuries, illness and fatalities & reduce the negative consequences of occupational disabilities.</p> <p>We continue to anticipate site visits by the MOL as part of their annual Young Workers Blitz, the Slips, Trips and Falls, Machine Guarding or other targeted Blitzes. In such instances costs can result when the orders requiring additional training, professional testing, or the purchase of new machinery or personal protective equipment.</p>

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	10,000	10,000	0	2220	Maintenance Parts & Materials									
2021	10,000	10,000	0		10,000	10,000	0	0	0	0	0	0	117,250	137,250
2022	0	0	0											
2023	0	0	0											
2024	0	0	0											
2025	0	0	0											
2026	0	0	0											
2027	0	0	0											
2028+	117,250	117,250	0											
	137,250	137,250	0											
Historical Approved Budget				Revenues										
Year	Total Expense	Net City Cost	Subsidies	GL Account										
2008	25,000	25,000	0	160	Capital Expenditure Reserve									
2009	100,000	100,000	0		0	0	0	0	0	0	0	0	117,250	117,250
2012	25,000	25,000	0											
2013	10,000	0	10,000	221	Service Sustainability Investm									
2014	10,000	10,000	0		10,000	10,000	0	0	0	0	0	0	0	20,000
2015	10,000	10,000	0											
2016	10,000	10,000	0											
2017	10,000	10,000	0											
2018	10,000	10,000	0											
2019	10,000	10,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	No operating budget impact.								0	0
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2008	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Julie Ryckman	Ongoing										



Project Version Summary

Project #	WPL-001-17	Service Area	Office of the City Clerk
Budget Year	2020	Department	Windsor Public Library
Asset Type	Unassigned	Division	Administration - Library
Title	Windsor Public Library Refurbishments		
Budget Status	Council Approved Budget		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
Libraries get significant "wear and tear" from repeated public usage and require regular refurbishment, such as painting, new customer seating, children's seating, shelving improvements and study surfaces every 8 to 10 years to protect the capital investment and assure sustainability. WPL Administration maintains a refurbishment plan and carries out priorities based on the capital budget allocation provided by the City.				Current priorities include painting, flooring replacements, shelving improvements and furniture replacements at the Fontainebleau, Bridgeview and Forest Glade branches.											
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5130 Furniture & Furnishings											
2021	71,344	71,344	0		0	71,344	89,180	33,752	46,000	46,000	31,000	48,000	0	365,276	
2022	89,180	89,180	0	Total	0	71,344	89,180	33,752	46,000	46,000	31,000	48,000	0	365,276	
2023	33,752	33,752	0	Revenues											
2024	46,000	46,000	0	169 Pay As You Go - Capital Reserve											
2025	46,000	46,000	0		0	71,344	89,180	33,752	46,000	46,000	31,000	48,000	0	365,276	
2026	31,000	31,000	0	Total	0	71,344	89,180	33,752	46,000	46,000	31,000	48,000	0	365,276	
2027	48,000	48,000	0												
2028+	0	0	0												
	365,276	365,276	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	No Operating Budget Impact								0	0	
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2017	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Nancy Peel & Christine Arkell					Ongoing						



Project Version Summary

Project #	WPL-001-20	Service Area	Office of the City Clerk
Budget Year	2020	Department	Windsor Public Library
Asset Type	Unassigned	Division	Administration - Library
Title	WPL Electronic Signs		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards			
Version Name	Main (Active)		

Project Description				Version Description											
Purchase and installation of electronic signs at select library facilities.				Priority library locations for the installation of electronic signs are the Forest Glade, Riverside, Seminole, John Muir and Budimir branches.											
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5130 Furniture & Furnishings											
2021	0	0	0		0	0	0	0	0	0	0	0	90,000	90,000	
2022	0	0	0	Total	0	0	0	0	0	0	0	0	90,000	90,000	
2023	0	0	0	Revenues											
2024	0	0	0	169 Pay As You Go - Capital Reserve											
2025	0	0	0		0	0	0	0	0	0	0	0	90,000	90,000	
2026	0	0	0	Total	0	0	0	0	0	0	0	0	90,000	90,000	
2027	0	0	0												
2028+	90,000	90,000	0												
	90,000	90,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2020		Growth: 0.0 % Maintenance: 0.0 %							2027						



Project Version Summary

Project #	WPL-002-18	Service Area	Office of the City Clerk
Budget Year	2020	Department	Windsor Public Library
Asset Type	Unassigned	Division	Administration - Library
Title	Windsor Public Library Materials Acquisitions		
Budget Status	Council Approved Budget		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description										
The development charges component of the Library Board capital program includes a provision of \$1.0 million to cover the cost of materials acquisitions over the ten-year planning period. This acquisition will assist in servicing areas of Windsor with significant residential growth without expenditures on bricks and mortar. Our materials are popular and in constant demand and new materials are regularly expected by our customers. Within a budget conscious environment, the Windsor Public Library wishes to remain relevant, in particular with respect to Wards 1, 7 & 9 the wards which have experienced significant residential growth				The funds have been designated to purchase library books/videos and e-resources to serve areas with significant residential growth (i.e. Wards 1/7/9) thereby reducing the need for more library facilities. The proposed plan going forward to use Development Charge funding to support library collections and outreach in areas where a public library is not easily accessible. There will be no operating impact.										
Project Comments/Reference				Version Comments										
7145000														
Project Forecast				Project Detailed Forecast										
		<u>Revenue</u>												
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>
2020	150,000	150,000	0	Expenses										
2021	150,000	150,000	0	2085	Publications and Manuals									
2022	125,000	125,000	0		150,000	150,000	125,000	125,000	150,000	150,000	150,000	150,000	400,000	1,550,000
2023	125,000	125,000	0		<hr/>									
2024	150,000	150,000	0		Total	150,000	150,000	125,000	125,000	150,000	150,000	150,000	400,000	1,550,000
2025	150,000	150,000	0	Revenues										
2026	150,000	150,000	0	122	Dev Chg - Library									
2027	150,000	150,000	0		0	150,000	125,000	125,000	150,000	150,000	150,000	150,000	400,000	1,400,000
2028+	400,000	400,000	0	169	Pay As You Go - Capital Reserve									
	1,550,000	1,550,000	0		150,000	0	0	0	0	0	0	0	0	150,000
					Total	150,000	150,000	125,000	125,000	150,000	150,000	150,000	400,000	1,550,000
Historical Approved Budget														
		<u>Revenue</u>												
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>											
2019	175,000	175,000	0											
Related Projects				Operating Budget Impact										
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2018	January 1, 2022	Growth: 100.0 % Maintenance: 0.0 %	Kitty Pope	Ongoing										



Project Version Summary

Project # WPL-002-20 **Service Area** Office of the City Clerk
Budget Year 2020 **Department** Windsor Public Library
Asset Type Unassigned **Division** Administration - Library

Title Library Self Checkouts
Budget Status Council Approved Budget
Major Category Corporate Technology
Wards City Wide
Version Name Main (Active)

Project Description				Version Description																																									
Scheduled replacement of library self-checkout machines.																																													
Project Comments/Reference				Version Comments																																									
Project Forecast				Project Detailed Forecast																																									
		Revenue																																											
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total																															
2020	0	0	0	Expenses																																									
2021	0	0	0	5110 Machinery & Equipment - TCA																																									
2022	0	0	0	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;">Total</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">160,000</td> <td style="border-top: 1px solid black;">160,000</td> </tr> </table>																															Total	0	0	0	0	0	0	0	0	160,000	160,000
				Total	0	0	0	0	0	0	0	0	160,000	160,000																															
2023	0	0	0	Revenues																																									
2024	0	0	0	169 Pay As You Go - Capital Reserve																																									
2025	0	0	0	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;">Total</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">160,000</td> <td style="border-top: 1px solid black;">160,000</td> </tr> </table>																															Total	0	0	0	0	0	0	0	0	160,000	160,000
				Total	0	0	0	0	0	0	0	0	160,000	160,000																															
2026	0	0	0																																										
2027	0	0	0																																										
2028+	160,000	160,000	0																																										
		160,000	0																																										
Historical Approved Budget				Operating Budget Impact																																									
Related Projects																																													
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date																																									
2020		Growth: 0.0 % Maintenance: 0.0 %																																											

2020 Approved Capital Budget



Capital Project Summaries

Office of the City Engineer



Project Version Summary

Project #	ENG-015-20	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Administration - Engineering
Title	New City Hall Expansion Space – 3rd floor		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description

Council approved the design and construction of a New City Hall (NCH) January 2014 based on a Space Needs study completed in 2013. In 2015, Council considered a report regarding expansion space within the NCH.

The project goal was to centralize Development Services with “the desire to have Transportation Planning located more closely with the Planning and Building Department and overall development services, for more efficient customer convenience”. Further, for efficiency and cross training, it was also identified that “it would be ideal if all of Engineering is within City Hall”. City Council subsequently approved the addition of one and one-half column spans for future growth for the New City Hall facility.

Implementation did not take place in 2015 since the departments’ allocated space would not accommodate without encroaching within the newly approved expansion space. The project budget only had approval to construct the expansion space and did not include the fit up cost to occupy.

Over the past few years, the City of Windsor has experienced an economic upswing with the amount of construction in the region. This is expected to continue for some time. Further, a focus on flooding mitigation and infrastructure improvements has resulted in the need to better structure the Engineering Department to be able to accommodate the fluctuating demand of resources.

The Engineering and the Planning & Building Services(PBS) Departments have adjusted resources to provide the level of service required and now require the accommodations to provide adequate work space.

The 3rd floor within the New City Hall (NCH) is home to the PBS, and Engineering Departments. All of these departments are strongly connected to the economy of the building & development industry. As the overall economy of the City has improved since 2013, along with the recent success of various infrastructure grant applications, the staff compliment (temporary and permanent) has increased in order to meet the service demands.

In addition, since the NCH build, there has been various departmental restructuring, realignments and pilot projects affecting Engineering as well as PBS. Many of these changes are driven by the need to better meet the rising demands of development services and the increase in the engineering services to deliver capital projects.

RISK: There is significant risks in not proceeding with the fit up of the ‘Expansion Space’. Not proceeding will impede the capacity to provide the required resources to meet the current service levels. Further it will limit the capacity to meet the various grant opportunities.

Version Description

Version Description

Planning & Building Services Department

Building Division:

The Building By-Law Officer (BBO) program was introduced per resolution of Council in 2017 with recruitment and program launch in 2018. Currently this includes eight (8) new positions that were added after the programming for the New City Hall.

The BBO program is a two-year pilot project that added eight additional staff members. However, the program is proving to be highly successful and administration is bringing forward a report to Council for the program’s continuation and permanency. Additionally, Building Division had thirteen (13) Building Inspectors at the time of the original programming for the New City Hall. Since that time, four (4) additional Inspectors have been added for a total of seventeen (17).

Between the four (4) added Inspectors, seven (7) added By-law Officers and one (1) By-law clerk, Building Division has added fourteen (14) new staff to the third floor. These staff are currently accommodated by sharing cubicle space and utilizing meeting rooms.

Transportation Planning Division (TP)

Over the past year, TP has had a strategic re-alignment that merges core policy and planning functions into development by becoming part of the PBS department. This re-alignment moves five (5) staff positions into City Hall’s third floor area that were formally located at 1266 McDougal. Further, City Council recently approved a sixth staff position (Active Transportation Coordinator) which will require an accommodation on the third floor.

Additionally, the Executive Initiatives Coordinator (EIC) reporting to the City Solicitor will be assisting with the TP transition, but due to space constraints in the Legal Department, the position will be permanently housed with PBS on the third floor of the New City Hall.

In order to provide the level of service expected, the PBS Department needs additional space to accommodate a total of twenty-on staff on the 3rd floor of NCH.

Engineering Department

The Engineering Department has seen a significant emphasis on infrastructure projects over the past few years. The increase in capital projects is because of Provincial/Federal funding, as well as Enhanced and accelerated capital budgets. The need to increase technical resources was precipitated by the success of past funding programs and the introduction of new programs such as Clean Water Wastewater Funding (CWWF), Disaster Mitigation Adaptation Funding (DMAF), as well as increased infrastructure needs related to such projects as the Sewer Master Plan and the Mega-Hospital.

Further, various City programs have shown to be very successful and required additional resources. The Basement Flooding Protection Subsidy Program is one, which continues to be very popular with applications being received daily. This program along with the success of the capital funding programs noted above has resulted in the need to increase staff resources, both technical and administrative, through various additional permanent, temporary and contract positions.

Currently, all workstations on the 3rd floor are occupied with the additional conversion of the internal meeting room to two workstations. There is no capacity for additional resources, which is expected in order to meet the contract obligations of the various funding programs as well as the growing capital program.

Recently, Council approved the conversion of two temporary Engineer IIs and one temporary Technologist III to permanent status. These three positions were deemed vital to deliver ongoing capital program. The three position currently occupy the last of the vacant cubicles resulting in no flexibility in hiring any additional staff. The division has recently identified the need for up to two (2) additional temporary staff in order to meet the DMAF funding initiative. The existing workspace cannot accommodate any additional staff. It is critical to ensure that vacant cubicles are available to meet future resource needs.

In addition, the recent retirement of a senior manager has led to the consolidation and restructuring of the Engineering Department. As a result, the two areas: Development, Projects & Right-of-way and the Infrastructure & Geomatics divisions, have been consolidated into one portfolio under one senior manager. This manager currently occupies an office in the 400 building along with the Corporate Projects staff. The goal of the restructuring was to improve project delivery, provide for flexibility and efficiency in resourcing staff. The success of the restructuring is contingent on the consolidation of all staff into one location. The staff compliment located in the 400 Building is eleven staff including the manager.

In order to provide the level of service expected to deliver the number of capital projects, the Engineering Department needs additional space to accommodate a total of thirteen staff on the 3rd floor of NCH.

As detailed above, the additional staff resources within each of the Departments has precipitated the need to expand the operating footprint within the 'Expansion Space' on the 3rd floor.

Total project costs including permits, professional fees, construction, furniture/fit-up and a 10% contingency is estimated at \$880,000.

The NCH capital project ID #7115001 has a surplus of just over \$1,000,000. Therefore, there are sufficient funds within the project to complete the proposed works.

Project Comments/Reference			Version Comments											
			N.B. Project to be funded from projected surplus from the new 350 City Hall Square project.											
Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	880,000	0	880,000	5410	Construction Contracts - TCA									
2021	0	0	0		880,000	0	0	0	0	0	0	0	0	880,000
2022	0	0	0		Total	880,000	0	0	0	0	0	0	0	880,000
2023	0	0	0	Revenues										
2024	0	0	0	7052	TRANSFER From Capital Projects									
2025	0	0	0		880,000	0	0	0	0	0	0	0	0	880,000
2026	0	0	0		Total	880,000	0	0	0	0	0	0	0	880,000
2027	0	0	0											
2028+	0	0	0											
	880,000	0	880,000											
Historical Approved Budget				Operating Budget Impact										
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date					
2020	April 1, 2020	Growth: 100.0 % Maintenance: 0.0 %		France Isabelle-Tunks					TBD					



Project Version Summary

Project #	ECP-001-16	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Development, Projects & Right of Way
Title	New City Hall Construction		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description				Version Description												
The budget for this project was set at \$43,937,000 per CR130/2016. Construction is in progress and future funding of \$7,537,000 is required.				Future funding sources required for the New City Hall: \$4,850,000 – 2021 debt reduction levy New building is now complete and occupied. Demolition of old 350 City Hall structure is complete.												
Project Comments/Reference				Version Comments												
7115001				PRE-COMMITMENT: 2021 - \$4,850,000 F169 (\$4,400,000-CR161/2015, R17867 & \$450,000 M222-2015, APM/9120) Of note, B8/2019 has resulted in some or all of the original PAYG funding to be identified as Service Sustainability F221 funding.												
Project Forecast				Project Detailed Forecast												
		Revenue														
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total		
2020	0	0	0	Expenses												
2021	4,850,000	4,850,000	0	5410	Construction Contracts - TCA										0	
2022	0	0	0		0	4,850,000	0	0	0	0	0	0	0	4,850,000		
2023	0	0	0		0	4,850,000	0	0	0	0	0	0	0	4,850,000		
2024	0	0	0	Revenues												
2025	0	0	0	169	Pay As You Go - Capital Reserve										0	
2026	0	0	0		0	2,425,000	0	0	0	0	0	0	0	2,425,000		
2027	0	0	0	221	Service Sustainability Investm										0	
2028+	0	0	0		0	2,425,000	0	0	0	0	0	0	0	2,425,000		
	4,850,000	4,850,000	0	Total	0	4,850,000	0	0	0	0	0	0	0	4,850,000		
Historical Approved Budget																
Year	Total Expense	Net City Cost	Subsidies													
2019	2,500,000	2,500,000	0													
Related Projects				Operating Budget Impact												
				Effective Date	Description									Exp/(Rev)	FTE Impact	
				Unknown	Total Operating expenses in the building will be more than the existing building. The cost per square foot in the New City Hall is anticipated to be 20% lower than at 350 City Hall Square. The square footage in the new building, however, is approximately 50% larger than the existing building.									0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead				Est. Completion Date									
2016	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %	Wadah Al-Yassiri				2021									



Project Version Summary

Project #	ECP-009-08	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Development, Projects & Right of Way
Title	Corporate Properties Site Assessments/Clean-ups/Demolitions		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
<p>There are lands that the City has obtained through tax arrears that need to be evaluated for environmental liabilities. It is imperative that the proper environmental site assessment detail the level of contamination or clean up required to sell the lands and qualify for any Brownfield funding.</p> <p>In addition, the state of disrepair of many of these properties render them unfit to sell or make improvements on, and their condition can sometimes present a safety hazard to neighbouring property owners and residents. In order to mitigate the potential liability and facilitate disposition of the properties as appropriate, funding is sometimes required to demolish the existing structures. It is proposed to expand this project to include funding for vacant City-owned properties that require demolition.</p>				<p>Various transitional properties require Phase I and II environmental studies prior to being sold or demolished. These are being done on a priority basis. This project further includes the demolition of designated City-owned properties, should funds be available.</p>											
Project Comments/Reference				Version Comments											
7081019															
Project Forecast				Project Detailed Forecast											
		<u>Revenue</u>		<u>GL Account</u>		<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	200,000	200,000	0	5410 Construction Contracts - TCA											
2021	200,000	200,000	0			200,000	200,000	200,000	0	0	0	0	0	0	600,000
2022	200,000	200,000	0												
2023	0	0	0												
2024	0	0	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	0	0	0												
	600,000	600,000	0												
				Revenues											
				221 Service Sustainability Investm											
						200,000	200,000	200,000	0	0	0	0	0	0	600,000
						Total	200,000	200,000	200,000	0	0	0	0	0	600,000
Historical Approved Budget															
		<u>Revenue</u>		<u>GL Account</u>		<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2008	200,000	200,000	0												
2010	800,000	800,000	0												
2011	427,337	427,337	0												
2014	1,005,000	1,005,000	0												
Related Projects				Operating Budget Impact											
				Effective Date		Description									
				Unknown		No Operating Budget Impact									

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2008	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %	France Isabelle Tunks	Ongoing



Project Version Summary

Project #	ECP-012-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Development, Projects & Right of Way
Title	South Cameron/South Windsor Planning District Infrastructure Improvements		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 9, Ward 10		
Version Name	Main (Active)		

Project Description				Version Description											
This project allows for the construction of local municipal services including storm and sanitary sewers, pavements and street lights in the South Cameron/South Windsor planning districts. Funding will cover any anticipated petitions along with providing for incentives to work with property owners. Recovery of expenses/Subsidies (as noted in Project Forecast) will come from the owners of the benefitting properties.				Balance of funds needed for the City's share of paving works within the development.											
Project Comments/Reference				Version Comments											
7033120															
Project Forecast				Project Detailed Forecast											
		<u>Revenue</u>		<u>GL Account</u>		<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	200,000	200,000	0	5410 Construction Contracts - TCA											
2021	0	0	0			200,000	0	0	0	0	0	0	0	0	200,000
2022	0	0	0			Total	200,000	0	0	0	0	0	0	0	200,000
2023	0	0	0	Revenues											
2024	0	0	0	169 Pay As You Go - Capital Reserve											
2025	0	0	0			200,000	0	0	0	0	0	0	0	0	200,000
2026	0	0	0			Total	200,000	0	0	0	0	0	0	0	200,000
2027	0	0	0												
2028+	0	0	0												
	200,000	200,000	0												
Historical Approved Budget															
		<u>Revenue</u>		<u>GL Account</u>		<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2009	766,666	100,000	666,666	5410 Construction Contracts - TCA											
2010	766,667	100,000	666,667			200,000	0	0	0	0	0	0	0	0	200,000
2011	766,667	100,000	666,667			Total	200,000	0	0	0	0	0	0	0	200,000
2017	60,000	60,000	0	Revenues											
				169 Pay As You Go - Capital Reserve											
						200,000	0	0	0	0	0	0	0	0	200,000
						Total	200,000	0	0	0	0	0	0	0	200,000
Related Projects				Operating Budget Impact											
				Effective Date		Description								Exp/(Rev)	FTE Impact
				Unknown		No Operating Budget Impact								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2007	January 1, 2017	Growth: 100.0 % Maintenance: 0.0 %		Adam Pillon				Ongoing							



Project Version Summary

Project #	ECP-013-09	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Development, Projects & Right of Way
Title	La Bella Strada - Erie St. Business Improvement Area Streetscaping		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description				Version Description											
CR339/2010 approved the Erie Street BIA Streetscaping - La Bella Strada project. Phase 1A - Howard to Pierre was completed in 2011. Phase 1B - Erie from McDougall to Howard and Pierre to Lincoln.				This project will support pedestrian area design elements within the boundaries of the Erie Street Business Improvement Area. 2023: Design - \$300,000 2028+: Phase 1B - Erie Street - McDougall/Howard and Pierre/Lincoln - \$2,400,000 (net City cost)											
Project Comments/Reference				Version Comments											
7109001 Closed 7183018				Combined with ECB-015-18 (Erie St. - La Bella Strada Streetscaping), which received \$300,000 in 2023 placeholder funding as part of the 2018 Enhanced Capital Budget. PRE-COMMITMENT: As per CR4/2019, Report C 217/2018, Council approved a pre-commitment of \$300,000 in 2023.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	2915 Consulting Services - External											
2021	0	0	0		0	0	0	300,000	0	0	400,000	0	2,400,000	3,100,000	
2022	0	0	0	5410 Construction Contracts - TCA											
2023	300,000	300,000	0		0	0	0	0	0	0	0	0	0	0	
2024	0	0	0	Total	0	0	0	300,000	0	0	400,000	0	2,400,000	3,100,000	
2025	0	0	0	Revenues											
2026	400,000	0	400,000	169 Pay As You Go - Capital Reserve											
2027	0	0	0		0	0	0	300,000	0	0	0	0	0	300,000	
2028+	2,400,000	2,400,000	0	176 Federal Gas Tax Rebate											
	3,100,000	2,700,000	400,000		0	0	0	0	0	0	0	0	2,400,000	2,400,000	
Historical Approved Budget				Operating Budget Impact											
Year	Total Expense	Net City Cost	Subsidies	Effective Date	Description							Exp/(Rev)	FTE Impact		
2011	692,634	692,634	0	Unknown	No Operating Budget Impact							0	0		
Year Identified	Start Date	Project Type for 2020	Project Lead			Est. Completion Date									
2009	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %	France Isabelle-Tunks			2026									



Project Version Summary

Project #	ECP-041-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Development, Projects & Right of Way
Title	New Infrastructure Development - Oversizing Infrastructure (Developer-related)		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	This ongoing allotment is used to repay developers to oversize sewers and roads so other lands can be serviced. Any oversizing required by developers will require the developer's patience for payment to future years as other priorities require funding.																																																																																																				
Version Description	Funding source for City's share of oversizing for anticipated developments.																																																																																																				
Project Comments/Reference	7035119																																																																																																				
Version Comments																																																																																																					
Project Forecast	<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>272,500</td><td>272,500</td><td>0</td></tr> <tr><td>2022</td><td>800,000</td><td>800,000</td><td>0</td></tr> <tr><td>2023</td><td>300,000</td><td>300,000</td><td>0</td></tr> <tr><td>2024</td><td>300,000</td><td>300,000</td><td>0</td></tr> <tr><td>2025</td><td>200,000</td><td>200,000</td><td>0</td></tr> <tr><td>2026</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2027</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2028+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>1,872,500</td><td>1,872,500</td><td>0</td></tr> </tbody> </table>						Revenue		Year	Total Expense	Net City Cost	Subsidies	2020	0	0	0	2021	272,500	272,500	0	2022	800,000	800,000	0	2023	300,000	300,000	0	2024	300,000	300,000	0	2025	200,000	200,000	0	2026	0	0	0	2027	0	0	0	2028+	0	0	0		1,872,500	1,872,500	0	Project Detailed Forecast																																																
		Revenue																																																																																																			
Year	Total Expense	Net City Cost	Subsidies																																																																																																		
2020	0	0	0																																																																																																		
2021	272,500	272,500	0																																																																																																		
2022	800,000	800,000	0																																																																																																		
2023	300,000	300,000	0																																																																																																		
2024	300,000	300,000	0																																																																																																		
2025	200,000	200,000	0																																																																																																		
2026	0	0	0																																																																																																		
2027	0	0	0																																																																																																		
2028+	0	0	0																																																																																																		
	1,872,500	1,872,500	0																																																																																																		
<table border="1"> <thead> <tr> <th>GL Account</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="12">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td>0</td> <td>272,500</td> <td>800,000</td> <td>300,000</td> <td>300,000</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>1,872,500</td> </tr> <tr> <td>Total</td> <td>0</td> <td>272,500</td> <td>800,000</td> <td>300,000</td> <td>300,000</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>1,872,500</td> </tr> <tr> <td colspan="12">Revenues</td> </tr> <tr> <td>028 Sewer Surcharge</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>300,000</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>500,000</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>0</td> <td>272,500</td> <td>800,000</td> <td>300,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,372,500</td> </tr> <tr> <td>Total</td> <td>0</td> <td>272,500</td> <td>800,000</td> <td>300,000</td> <td>300,000</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>1,872,500</td> </tr> </tbody> </table>												GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	Expenses												5410 Construction Contracts - TCA	0	272,500	800,000	300,000	300,000	200,000	0	0	0	1,872,500	Total	0	272,500	800,000	300,000	300,000	200,000	0	0	0	1,872,500	Revenues												028 Sewer Surcharge	0	0	0	0	300,000	200,000	0	0	0	500,000	169 Pay As You Go - Capital Reserve	0	272,500	800,000	300,000	0	0	0	0	0	1,372,500	Total	0	272,500	800,000	300,000	300,000	200,000	0	0	0	1,872,500
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total																																																																																											
Expenses																																																																																																					
5410 Construction Contracts - TCA	0	272,500	800,000	300,000	300,000	200,000	0	0	0	1,872,500																																																																																											
Total	0	272,500	800,000	300,000	300,000	200,000	0	0	0	1,872,500																																																																																											
Revenues																																																																																																					
028 Sewer Surcharge	0	0	0	0	300,000	200,000	0	0	0	500,000																																																																																											
169 Pay As You Go - Capital Reserve	0	272,500	800,000	300,000	0	0	0	0	0	1,372,500																																																																																											
Total	0	272,500	800,000	300,000	300,000	200,000	0	0	0	1,872,500																																																																																											
Historical Approved Budget	<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2007</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2008</td><td>486,000</td><td>486,000</td><td>0</td></tr> <tr><td>2009</td><td>250,000</td><td>250,000</td><td>0</td></tr> <tr><td>2010</td><td>250,000</td><td>250,000</td><td>0</td></tr> <tr><td>2011</td><td>250,000</td><td>250,000</td><td>0</td></tr> <tr><td>2014</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2015</td><td>250,000</td><td>250,000</td><td>0</td></tr> <tr><td>2016</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2017</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2018</td><td>22,500</td><td>22,500</td><td>0</td></tr> <tr><td>2019</td><td>755,000</td><td>755,000</td><td>0</td></tr> </tbody> </table>						Revenue		Year	Total Expense	Net City Cost	Subsidies	2007	150,000	150,000	0	2008	486,000	486,000	0	2009	250,000	250,000	0	2010	250,000	250,000	0	2011	250,000	250,000	0	2014	100,000	100,000	0	2015	250,000	250,000	0	2016	100,000	100,000	0	2017	100,000	100,000	0	2018	22,500	22,500	0	2019	755,000	755,000	0																																													
		Revenue																																																																																																			
Year	Total Expense	Net City Cost	Subsidies																																																																																																		
2007	150,000	150,000	0																																																																																																		
2008	486,000	486,000	0																																																																																																		
2009	250,000	250,000	0																																																																																																		
2010	250,000	250,000	0																																																																																																		
2011	250,000	250,000	0																																																																																																		
2014	100,000	100,000	0																																																																																																		
2015	250,000	250,000	0																																																																																																		
2016	100,000	100,000	0																																																																																																		
2017	100,000	100,000	0																																																																																																		
2018	22,500	22,500	0																																																																																																		
2019	755,000	755,000	0																																																																																																		
Related Projects																																																																																																					
Operating Budget Impact	<table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating Budget Impact.</td> <td>0</td> <td>0</td> </tr> </tbody> </table>											Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	No Operating Budget Impact.	0	0																																																																																		
Effective Date	Description	Exp/(Rev)	FTE Impact																																																																																																		
Unknown	No Operating Budget Impact.	0	0																																																																																																		

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2007	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	France Isabelle-Tunks	Ongoing



Project Version Summary

Project #	ENG-001-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Development, Projects & Right of Way
Title	Concord School Demolition		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description				Version Description											
Council authorized Administration, via CR366/2017 / Report CR24/2017, to demolish the former Concord School and develop the site as low density housing, as part of the Riverside Arena / St. Rose Park Redevelopment.				Administration previously communicated a cost of \$350,000 to demolish the old Concord School. The services required for the low density housing within the old school site is estimated to be \$600,000 including the relocation of a large trunk storm sewer. Revenues anticipated from the sale of the residential sites are in the range of \$600,000 to \$800,000. Noting that these revenues will fluctuate and are dependent on industry pricing at the time of the sale. The net value estimated for this project is \$350,000.											
Project Comments/Reference				Version Comments											
7171099															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	0	0	0		0	0	0	0	0	0	0	0	950,000	950,000	
2022	0	0	0	Total	0	0	0	0	0	0	0	0	950,000	950,000	
2023	0	0	0	Revenues											
2024	0	0	0	169 Pay As You Go - Capital Reserve			0	0	0	0	0	0	350,000	350,000	
2025	0	0	0		0	0	0	0	0	0	0	0	600,000	600,000	
2026	0	0	0	6735 Recovery Of Expenses EXTERNAL			0	0	0	0	0	0	600,000	600,000	
2027	0	0	0	Total	0	0	0	0	0	0	0	0	950,000	950,000	
2028+	950,000	350,000	600,000												
	950,000	350,000	600,000												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2018	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Pat Winters	2022											



Project Version Summary

Project # ENG-002-18 **Service Area** Office of the City Engineer
Budget Year 2020 **Department** Engineering
Asset Type Unassigned **Division** Development, Projects & Right of Way

Title Asphalt Pavement Widening - Malden Rd./South Cameron Blvd.
Budget Status Council Approved Budget
Major Category Roads Infrastructure
Wards
Version Name Main (Active)

Project Description		In accordance with C 151/2017, Administration has applied for grant funding for bike lanes under the Public Transportation Infrastructure Fund (PTIF).		Version Description		Construction completed in 2018.								
Project Comments/Reference		7171092		Version Comments		PRE-COMMITMENT: CR551/2017, Report #C 151/2017 approved a pre-commitment of \$325,000 in 2020 from the Cabana Road project.								
Project Forecast		Revenue		Project Detailed Forecast										
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>
2020	325,000	325,000	0	5410 Construction Contracts - TCA										
2021	0	0	0		325,000	0	0	0	0	0	0	0	0	325,000
2022	0	0	0	Total	325,000	0	0	0	0	0	0	0	0	325,000
2023	0	0	0	Revenues										
2024	0	0	0	169 Pay As You Go - Capital Reserve										
2025	0	0	0		325,000	0	0	0	0	0	0	0	0	325,000
2026	0	0	0	Total	325,000	0	0	0	0	0	0	0	0	325,000
2027	0	0	0											
2028+	0	0	0											
	325,000	325,000	0											
Historical Approved Budget				Operating Budget Impact										
Related Projects														
Precedes	Project Title													
ECP-003-09	Cabana Rd. Infrastructure Improvements													
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2018	January 1, 2018	Growth: 100.0 % Maintenance: 0.0 %	Joe Dattilo	2018										



Project Version Summary

Project # ENG-003-18 **Service Area** Office of the City Engineer
Budget Year 2020 **Department** Engineering
Asset Type Unassigned **Division** Development, Projects & Right of Way

Title Sandwich Library
Budget Status Council Approved Budget
Major Category Agencies, Boards and Committees (ABC's)
Wards Ward 2
Version Name Main (Active)

Project Description				Version Description											
Estimated additional funds required for the construction of the Sandwich Library (and tower).				CR768/2017, Report #C 223/2017 was approved by Council on Dec. 18th/17 for a pre-commitment of funds to secure Tender No. 100-17.											
Project Comments/Reference				Version Comments											
7159013				PRE-COMMITMENT: As per the approved 2018 Capital Budget (\$513,795 in 2018) and CR768/2017, Report C 223/2017, Council approved a pre-commitment of \$434,280 in 2019, \$465,720 in 2020 and \$500,000 in 2022.											
Project Forecast				Project Detailed Forecast											
		Revenue													
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
2020	465,720	465,720	0	Expenses											
2021	0	0	0	5410 Construction Contracts - TCA											
2022	500,000	500,000	0	465,720 0 500,000 0 0 0 0 0 0 0 0 965,720											
2023	0	0	0	Total 465,720 0 500,000 0 0 0 0 0 0 0 965,720											
2024	0	0	0	Revenues											
2025	0	0	0	122 Dev Chg - Library											
2026	0	0	0	66,577 0 0 0 0 0 0 0 0 0 66,577											
2027	0	0	0	169 Pay As You Go - Capital Reserve											
2028+	0	0	0	399,143 0 500,000 0 0 0 0 0 0 0 899,143											
	965,720	965,720	0	Total 465,720 0 500,000 0 0 0 0 0 0 0 965,720											
Historical Approved Budget															
Year	Total Expense	Net City Cost	Subsidies												
2018	513,795	513,795	0												
2019	434,280	434,280	0												
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead		Est. Completion Date										
2018	January 1, 2018	Growth: 100.0 % Maintenance: 0.0 %	Joe Dattilo		2019										



Project Version Summary

Project #	ENG-011-20	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Development, Projects & Right of Way
Title	New Windsor Public Library Central Branch		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description				Version Description												
In November of 2018, the WPL Board endorsed the recommendations of the 'Central Library Functional Plan' completed by G & G Architecture Studio. The plan outlines the need for a 72,000 SF facility to house the permanent Central Library in the downtown Cultural Hub. This build is estimated between \$38-42 million in 2023 costs.				2022 - \$0.5 million : Various consulting services - (location & environmental studies, property considerations, conceptual design & estimates) 2022 - \$1 million : Land acquisition and Design services (design, tender documents) 2024 - \$40 million : Construction												
Project Comments/Reference				Version Comments												
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total		
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses												
2020	0	0	0	5410	Construction Contracts - TCA											
2021	0	0	0		0	0	0	0	0	0	0	0	0	41,500,000	41,500,000	
2022	0	0	0		0	0	0	0	0	0	0	0	0	41,500,000	41,500,000	
2023	0	0	0		0	0	0	0	0	0	0	0	0	41,500,000	41,500,000	
2024	0	0	0		0	0	0	0	0	0	0	0	0	41,500,000	41,500,000	
2025	0	0	0		0	0	0	0	0	0	0	0	0	41,500,000	41,500,000	
2026	0	0	0		0	0	0	0	0	0	0	0	0	41,500,000	41,500,000	
2027	0	0	0		0	0	0	0	0	0	0	0	0	41,500,000	41,500,000	
2028+	41,500,000	41,500,000	0		0	0	0	0	0	0	0	0	0	41,500,000	41,500,000	
	41,500,000	41,500,000	0													
Historical Approved Budget				Operating Budget Impact												
Related Projects																
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date							
2020	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		France Isabelle-Tunks / Kitty Pope					TBD							



Project Version Summary

Project #	ENG-014-20	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Development, Projects & Right of Way
Title	Eco-Passage		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description				Version Description										
<p>The Windsor-Detroit Bridge Authority (WDBA) has announced, as part of its community benefits package for the Sandwich Street Improvements, seed money in the amount of \$1.5 M for an eco-passage (bridge) connecting the Black Oak Heritage Forest and Ojibway Park, as a joint project with the City of Windsor.</p> <p>This eco-passage (bridge) will provide safe passage for area wildlife and species at risk in the Ojibway Prairie Complex. Approximately 20,000 vehicles per day travel along the Ojibway Parkway and E.C. Row Expressway. This contributes heavily to wildlife mortality.</p>				<p>In accordance with CR524/2019, the Corporation of the City of Windsor is currently completing a Request for Proposals (RFP) for a qualified proponent to undertake a Municipal Class Environmental Assessment (EA) study for a proposed Eco-Passage (Bridge) over Ojibway Parkway in the City of Windsor. The EA will identify any potential impacts as a result of such a structure and identify potential location, the type of structure required and a high level budget cost to pursue this project. We endeavour to have a qualified consultant chosen by mid December 2019 and a completed EA by September of 2020. Once the details of the EA are known, we will also use this information to pursue funding grants. Following this, provided we have the approvals and budget in place, we can carry out detailed engineering design of the eco-passage structure.</p>										
Project Comments/Reference				Version Comments										
7201005				<p>This project estimate is only a placeholder at this time pending the results of the EA study. B11/2020 pre-commits \$30,000 in 2021 F169 to conduct a study to identify passage/connectivity opportunities along the Malden Rd corridor.</p>										
Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5410 Construction Contracts - TCA										
2021	250,000	250,000	0		0	250,000	0	0	0	0	1,500,000	0	0	1,750,000
2022	0	0	0	Total	0	250,000	0	0	0	0	1,500,000	0	0	1,750,000
2023	0	0	0	Revenues										
2024	0	0	0	169 Pay As You Go - Capital Reserve										
2025	0	0	0		0	250,000	0	0	0	0	1,500,000	0	0	1,750,000
2026	1,500,000	1,500,000	0	Total	0	250,000	0	0	0	0	1,500,000	0	0	1,750,000
2027	0	0	0											
2028+	0	0	0											
	1,750,000	1,750,000	0											
Historical Approved Budget				Operating Budget Impact										
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date					
2020	December 31, 2019	Growth: 0.0 % Maintenance: 0.0 %		Paul Mourad					Sept. 2020					



Project Version Summary

Project #	ENG-016-20	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Development, Projects & Right of Way
Title	Kauth's Expansion Plan		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards			
Version Name	Main (Active)		

Project Description				Version Description										
<p>The Private Roads Extensions is a component of the economic development of the Cargo Lands to service adjacent properties, which include a recently completed executed lease agreement with Kauth (Part A Road Extension) and other interested parties.</p> <p>The tender results show that awarding both Parts A & B results in economies of scale with favorable pricing for unit rates as compared to constructing only Part A. In addition to the favorable pricing while approving both Part A and B, there is the added benefit involving future economic development for the airport cargo lands area in terms of marketing potential by having infrastructure in place which provides for serviced properties ready for development.</p>														
Project Comments/Reference				Version Comments										
7181035				<p>As per CR396/2019, City Council approved a pre-commitment of \$1,175,000 in 2022.</p> <p>NOTE: These funds initially resided in project ECP-014-07 - City Centre Streetscape Program.</p>										
Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5410	Construction Contracts - TCA									
2021	0	0	0		0	0	1,175,000	0	0	0	0	0	0	1,175,000
2022	1,175,000	1,175,000	0	Total	0	0	1,175,000	0	0	0	0	0	0	1,175,000
2023	0	0	0	Revenues										
2024	0	0	0	169	Pay As You Go - Capital Reserve									
2025	0	0	0		0	0	1,175,000	0	0	0	0	0	0	1,175,000
2026	0	0	0	Total	0	0	1,175,000	0	0	0	0	0	0	1,175,000
2027	0	0	0											
2028+	0	0	0											
	1,175,000	1,175,000	0											
Historical Approved Budget				Operating Budget Impact										
Related Projects														
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date					
2020	January 2, 2019	Growth: 0.0 % Maintenance: 0.0 %		France Isabelle-Tunks					2020					



Project Version Summary

Project #	ENG-027-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Development, Projects & Right of Way
Title	Wyandotte Town Centre's World Marketplace Redevelopment - Phase 1		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	Ward 3, Ward 4		
Version Name	Main (Active)		

Project Description				Version Description											
Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan.				Project on hold pending results of "Theme Districting Initiative" project.											
Project Comments/Reference				Version Comments											
				Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	0	0	0		0	0	0	0	1,000,000	0	0	0	0	1,000,000	
2022	0	0	0	Total	0	0	0	0	1,000,000	0	0	0	0	1,000,000	
2023	0	0	0	Revenues											
2024	1,000,000	1,000,000	0	169 Pay As You Go - Capital Reserve											
2025	0	0	0		0	0	0	0	1,000,000	0	0	0	0	1,000,000	
2026	0	0	0	Total	0	0	0	0	1,000,000	0	0	0	0	1,000,000	
2027	0	0	0												
2028+	0	0	0												
	1,000,000	1,000,000	0												
Historical Approved Budget				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2017	January 23, 2017	Growth: 0.0 % Maintenance: 0.0 %	France Isabelle-Tunks	2024											



Project Version Summary

Project #	ECB-001-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	California/Pulford - Norfolk to Daytona		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description				Version Description										
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				California Ave. and Pulford St. operate as contiguous roadways between Norfolk St. and Daytona Ave. The streets are adjacent to the Capri Pizzeria Recreation Complex and Ecole catholique Monseigneur Jean Noel. Both are constructed as a rural cross-section roadway with pavement that is rated as "Now Deficient". This project will involve full rehabilitation with the addition of curbs and gutters and sewers. A Local Improvement process will be required for the curb and gutter and storm sewer on California Ave., however as a flankage road the cost for Pulbrook St. is absorbed by the General Rate. The first possible opportunity to fund and to tender this work is in the Spring of 2020 with completion in the 2020 construction season.										
Project Comments/Reference				Version Comments										
7184006				PRE-COMMITMENT: As per CR614/2018, Report S 108/2018 approved a pre-commitment of \$50,000 in 2023. As per CR4/2019, Report C 217/2018, Council approved a pre-commitment of \$1,150,000 in 2023.										
Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5410	Construction Contracts - TCA									
2021	0	0	0		0	0	0	1,200,000	0	0	0	0	0	1,200,000
2022	0	0	0		0	0	0	1,200,000	0	0	0	0	0	1,200,000
2023	1,200,000	1,200,000	0	Total	0	0	0	1,200,000	0	0	0	0	0	1,200,000
2024	0	0	0	Revenues										
2025	0	0	0	221	Service Sustainability Investm									
2026	0	0	0		0	0	0	1,200,000	0	0	0	0	0	1,200,000
2027	0	0	0	Total	0	0	0	1,200,000	0	0	0	0	0	1,200,000
2028+	0	0	0		0	0	0	1,200,000	0	0	0	0	0	1,200,000
	1,200,000	1,200,000	0											
Historical Approved Budget				Operating Budget Impact										
Related Projects														
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Sergio Colucci	2020										



Project Version Summary

Project #	ECB-003-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	College Ave. - Campbell to Mckay		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 2		
Version Name	Main (Active)		

Project Description				Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				College Ave. currently has combined sewers that are in need of replacement and pavement that is rated as "Now Deficient". This project will entail design for full rehabilitation including sewers, pavement and watermain from Campbell Rd. to McKay Ave.											
Project Comments/Reference				Version Comments											
7182002(closed), 7164008				PRE-COMMITMENT: CR507/2018, Report # S 138/2018 approved by Council on September 17th, 2018 pre-commits \$1.35m in 2020.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	1,350,000	1,350,000	0	5410	Construction Contracts - TCA										
2021	0	0	0		1,350,000	0	0	0	0	0	0	0	0	0	1,350,000
2022	0	0	0		Total	1,350,000	0	0	0	0	0	0	0	0	1,350,000
2023	0	0	0	Revenues											
2024	0	0	0	221	Service Sustainability Investm										
2025	0	0	0		1,350,000	0	0	0	0	0	0	0	0	0	1,350,000
2026	0	0	0		Total	1,350,000	0	0	0	0	0	0	0	0	1,350,000
2027	0	0	0												
2028+	0	0	0												
	1,350,000	1,350,000	0												
Historical Approved Budget				Operating Budget Impact											
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2018	150,000	150,000	0												
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date							
2018	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	June Liu-Vajko					2020							



Project Version Summary

Project #	ECB-006-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Crawford Ave. - Wyandotte to Tecumseh - Engineering		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description				Version Description												
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				Funding will support initiating the engineering design for a future reconstruction of Crawford Ave. from Wyandotte St. to Tecumseh Rd. W. Construction timing will depend on future funding allocations toward this project.												
Project Comments/Reference				Version Comments												
7183005				PRE-COMMITMENT: CR123/2018, Report # C 20/2018 approved a pre-commitment of \$250,000 in 2020.												
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total		
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2020	250,000	250,000	0	5410	Construction Contracts - TCA											
2021	0	0	0		250,000	0	0	0	0	0	0	0	0	0	250,000	
2022	0	0	0		Total										250,000	
2023	0	0	0	Revenues												
2024	0	0	0	221	Service Sustainability Investm											
2025	0	0	0		250,000	0	0	0	0	0	0	0	0	0	250,000	
2026	0	0	0		Total										250,000	
2027	0	0	0													
2028+	0	0	0													
250,000		250,000		0												
Historical Approved Budget				Operating Budget Impact												
Related Projects																
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date							
2018	March 1, 2018	Growth: 0.0 % Maintenance: 100.0 %		Tiffany Pocock					TBD							



Project Version Summary

Project #	ECB-013-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Windermere St. - Engineering for Storm Sewer Reconstruction		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	Ward 4		
Version Name	Main (Active)		

Project Description				Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				Funding to initiate the engineering design for a future construction of the storm sewer on Windermere Rd. from Giles Blvd. to Ottawa St. Construction timing will depend on future funding allocations towards this project.											
Project Comments/Reference				Version Comments											
7183010				PRE-COMMITMENT: CR123/2018, Report # C 20/2018 approved a pre-commitment of \$105,000 in 2020.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	105,000	105,000	0	5410	Construction Contracts - TCA										
2021	0	0	0		105,000	0	0	0	0	0	0	0	0	0	105,000
2022	0	0	0												
2023	0	0	0												
2024	0	0	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	0	0	0												
	105,000	105,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2018	March 1, 2018	Growth: 0.0 % Maintenance: 100.0 %	Sergio Colucci	TBD											



Project Version Summary

Project #	ECB-017-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Pillette Rd. - Seminole to VIA Tracks - Reconstruction (Phases 1 & 2)		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 5, Ward 8		
Version Name	Main (Active)		

Project Description				Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				Project constructed in 2019 and will remain open until project is funded in 2023.											
Project Comments/Reference				Version Comments											
7182003				PRE-COMMITMENT: CR507/2018, Report # S 138/2018 approved by Council on September 17th, 2018 pre-commits \$950,000 in 2023.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	0	0	0		0	0	0	950,000	0	0	0	0	0	0	950,000
2022	0	0	0		0	0	0	950,000	0	0	0	0	0	0	950,000
2023	950,000	950,000	0		0	0	0	950,000	0	0	0	0	0	0	950,000
2024	0	0	0		0	0	0	950,000	0	0	0	0	0	0	950,000
2025	0	0	0		0	0	0	950,000	0	0	0	0	0	0	950,000
2026	0	0	0		0	0	0	950,000	0	0	0	0	0	0	950,000
2027	0	0	0		0	0	0	950,000	0	0	0	0	0	0	950,000
2028+	0	0	0		0	0	0	950,000	0	0	0	0	0	0	950,000
	950,000	950,000	0												
Historical Approved Budget				Operating Budget Impact											
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2018	50,000	50,000	0												
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead				Est. Completion Date								
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Sergio Colucci				2020								



Project Version Summary

Project #	ECB-033-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Reginald St. - Pillette to Norman - Reconstruction		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 8		
Version Name	Main (Active)		

Project Description				Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				Reginald St. will be reconstructed from Pillette Rd. to Norman Rd. This project was consolidated with the Olive Road sewer rehabilitation project (Seminole to Milloy).											
Project Comments/Reference				Version Comments											
7171006 / 7185002				PRE-COMMITMENT: CR507/2018, Report # S 138/2018 approved by Council on September 17th, 2018 pre-commits \$375,000 in 2023.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	0	0	0		0	0	0	375,000	0	0	0	0	0	0	375,000
2022	0	0	0		0	0	0	375,000	0	0	0	0	0	0	375,000
2023	375,000	375,000	0		0	0	0	375,000	0	0	0	0	0	0	375,000
2024	0	0	0	Revenues											
2025	0	0	0	221	Service Sustainability Investm										
2026	0	0	0		0	0	0	375,000	0	0	0	0	0	0	375,000
2027	0	0	0		0	0	0	375,000	0	0	0	0	0	0	375,000
2028+	0	0	0		0	0	0	375,000	0	0	0	0	0	0	375,000
	375,000	375,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date							
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	June Liu-Vajko					2020							



Project Version Summary

Project #	ECB-034-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Byng Rd. - Lappan to Melinda - Reconstruction		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description				Version Description										
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				Byng Rd. will be tendered in the Fall of 2019 and completed in the 2020 construction season.										
Project Comments/Reference				Version Comments										
7182004				PRE-COMMITMENT: As per CR4/2019, Report C 217/2018, Council approved a pre-commitment of \$128,000 in 2018, \$600,000 in 2019, \$2,000 in 2020 and \$650,000 in 2023.										
Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	2,000	2,000	0	5410	Construction Contracts - TCA									
2021	0	0	0		2,000	0	0	650,000	0	0	0	0	0	652,000
2022	0	0	0		<hr/>									
2023	650,000	650,000	0		Total	2,000	0	0	650,000	0	0	0	0	652,000
2024	0	0	0	Revenues										
2025	0	0	0	221	Service Sustainability Investm									
2026	0	0	0		2,000	0	0	650,000	0	0	0	0	0	652,000
2027	0	0	0		<hr/>									
2028+	0	0	0		Total	2,000	0	0	650,000	0	0	0	0	652,000
	652,000	652,000	0											
Historical Approved Budget				Operating Budget Impact										
		Revenue												
Year	Total Expense	Net City Cost	Subsidies											
2018	128,000	128,000	0											
2019	600,000	600,000	0											
Related Projects														
Year Identified	Start Date	Project Type for 2020	Project Lead				Est. Completion Date							
2018	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Adam Mourad				2020							



Project Version Summary

Project # ECB-035-18 **Service Area** Office of the City Engineer
Budget Year 2020 **Department** Engineering
Asset Type Unassigned **Division** Infrastructure & Geomatics

Title Riverside Dr. Vista Intersection - Devonshire and Riverside
Budget Status Council Approved Budget
Major Category Roads Infrastructure
Wards Ward 4
Version Name Main (Active)

Project Description			Version Description																																									
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.			Design is complete and land acquisition is underway. Tendering will occur once property is acquired.																																									
Project Comments/Reference			Version Comments																																									
7185001			PRE-COMMITMENT: CR123/2018, Report # C 20/2018 approved a pre-commitment of \$1,000,000 in 2022.																																									
Project Forecast			Project Detailed Forecast																																									
		Revenue																																										
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total																														
2020	0	0	0	Expenses																																								
2021	0	0	0	5410 Construction Contracts - TCA																																								
2022	1,000,000	1,000,000	0	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">1,000,000</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">1,000,000</td> </tr> <tr> <td style="text-align: right;">Total</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">1,000,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">1,000,000</td> </tr> </table>												0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000	Total	0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000
	0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000																														
Total	0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000																														
2023	0	0	0	Revenues																																								
2024	0	0	0	169 Pay As You Go - Capital Reserve																																								
2025	0	0	0	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">1,000,000</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">1,000,000</td> </tr> <tr> <td style="text-align: right;">Total</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">1,000,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">1,000,000</td> </tr> </table>												0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000	Total	0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000
	0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000																														
Total	0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000																														
2026	0	0	0																																									
2027	0	0	0																																									
2028+	0	0	0																																									
	1,000,000	1,000,000	0																																									
Historical Approved Budget			Operating Budget Impact																																									
Related Projects																																												
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date																																				
2018	March 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Mike Cappucci					2020																																				



Project Version Summary

Project #	ECP-001-10	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Upper Little River Stormwater Management Plan and Implementation		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description				Version Description											
To provide storm water drainage outlet and regional storm water management facilities for the Sandwich South Employment Lands. Upper Little River Storm Water Study was initiated to develop a plan for the provision, protection, enhancement and restoration of the drainage system. To be constructed in phases.				2020: Functional Design - \$500,000 2021: Property Acquisition - \$500,000 2022: Phased Detail Design - \$1,000,000 2023: Phased Construction - \$2,000,000 2024: Phased Detail Design / Property Acquisition - \$3,000,000 2026: Phased Engineering / Property Acquisition / Construction - \$5,000,000 2027: Phased Engineering / Property Acquisition / Construction - \$5,000,000 2028+: Phased Engineering / Property Acquisition / Construction - \$211,100,000											
Project Comments/Reference				Version Comments											
7076102/7155000 (closed)															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	500,000	500,000	0	2915 Consulting Services - External											
2021	500,000	500,000	0		500,000	0	1,000,000	0	0	0	0	0	0	1,500,000	
2022	1,000,000	1,000,000	0	5210 Land Acquisition											
2023	2,000,000	2,000,000	0		0	500,000	0	0	0	0	0	0	0	500,000	
2024	3,000,000	3,000,000	0	5410 Construction Contracts - TCA											
2025	0	0	0		0	0	0	2,000,000	3,000,000	0	0	0	0	226,100,000	
2026	0	0	0												
2027	0	0	0												
2028+	221,100,000	221,100,000	0											221,100,000	
	228,100,000	228,100,000	0	Total	500,000	500,000	1,000,000	2,000,000	3,000,000	0	0	0	221,100,000	228,100,000	
Historical Approved Budget				Revenues											
		Revenue		028 Sewer Surcharge											
Year	Total Expense	Net City Cost	Subsidies		0	0	0	0	0	0	0	0	0	221,100,000	
2015	250,000	250,000	0	117 Dev Chg - Storm & Drains											
2018	500,000	500,000	0		500,000	500,000	1,000,000	2,000,000	3,000,000	0	0	0	0	7,000,000	
				Total	500,000	500,000	1,000,000	2,000,000	3,000,000	0	0	0	221,100,000	228,100,000	
Related Projects				Operating Budget Impact											
				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	Depending on the final design of the drainage system, there may be additional drain maintenance costs.								0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2010	January 1, 2018	Growth: 100.0 % Maintenance: 0.0 %	Anna Godo	2028 & Beyond											



Project Version Summary

Project #	ECP-002-08	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Provincial Rd./Division Rd. Corridor Infrastructure Improvements		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description				Version Description												
Improvements on the Provincial/Division corridor are required as a result of traffic growth and expanded commercial activity. The ESR for this project was completed in 2007.				Provincial/Division Corridor Improvements: Note: Estimates do not include utilities, land acquisition or storm sewers. 2020: Complete utility relocation, improvement to N. Roseland Stormwater Facility and Storm Sewer (6th Concession to 850 metres south thereof) - \$1,850,000 2021: Storm Sewer (6th Concession to 850 metres south thereof) - \$2,000,000 2025: Engineering, Phased Construction - Future Phases - \$5,950,000 2026: Phased Construction (6th Concession to Walker) - \$1,000,000 2028+: Phased Construction (6th Concession to Walker) - \$22,460,000												
Project Comments/Reference				Version Comments												
7086003				Construction, Future Phases - \$42,800,000												
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2020	1,850,000	1,850,000	0	5410 Construction Contracts - TCA												
2021	2,000,000	2,000,000	0			1,850,000	2,000,000	0	0	0	5,950,000	1,000,000	0	65,260,000	76,060,000	
2022	0	0	0	Total		1,850,000	2,000,000	0	0	0	5,950,000	1,000,000	0	65,260,000	76,060,000	
2023	0	0	0	Revenues												
2024	0	0	0	028 Sewer Surcharge												
2025	5,950,000	5,950,000	0			0	0	0	0	0	0	0	0	0	0	
2026	1,000,000	1,000,000	0	115 Dev Chg - Roads & Related												
2027	0	0	0			0	375,000	0	0	0	0	0	0	0	375,000	
2028+	65,260,000	65,260,000	0	117 Dev Chg - Storm & Drains												
76,060,000	76,060,000	76,060,000	0			1,850,000	1,625,000	0	0	0	500,000	0	0	0	3,975,000	
Historical Approved Budget				Operating Budget Impact												
Year	Total Expense	Net City Cost	Subsidies	Effective Date	Description										Exp/(Rev)	FTE Impact
2008	120,000	120,000	0	Unknown	Depending on the final design, there may be additional sewer and road maintenance costs.										0	0
2009	600,000	600,000	0													
2010	8,226,666	4,226,666	4,000,000													
2016	3,069,000	3,069,000	0													
2017	2,000,000	2,000,000	0													
2019	2,000,000	2,000,000	0													

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2008	January 1, 2009	Growth: 88.6 % Maintenance: 11.4 %	Jane He	2028 & Beyond



Project Version Summary

Project #	ECP-002-10	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Banwell Rd. Infrastructure Improvements		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 7, Ward 9		
Version Name	Main (Active)		

Project Description

The draft Environmental Study Report contains recommendations on construction phasing for improvements to Banwell Road. The limits of the study are from Tecumseh Rd. E. to the City Limits (Canadian Pacific Railway). This project includes a new grade separation at E.C. Row Expressway.

Version Description

2020: Engineering - Tecumseh to Mulberry - \$750,000
 Property Acquisition - Tecumseh to and including Mulberry - \$100,000
 Utility Relocation - Tecumseh to and including Mulberry - \$500,000
 Construction - Tecumseh to and including Palmetto intersection - \$1,650,000
 2021: Construction - Tecumseh to and including Palmetto intersection - \$200,000
 2022: Construction - Tecumseh to and including Palmetto intersection - \$550,000
 2023: Construction - Tecumseh to and including Palmetto intersection - \$70,000
 2024: Construction - Tecumseh to and including Palmetto intersection - \$2,100,000
 2026: Construction - Tecumseh to and including Palmetto intersection - \$350,000
 Construction - Palmetto to and including Mulberry intersection - \$4,549,000
 2027: Design - Banwell / EC Row interchange - \$1,500,000
 Property Acquisition - Banwell / EC Row interchange - \$500,000

 2008+: Design - Banwell / EC Row interchange - \$1,500,000
 Utility Relocation - Banwell / EC Row interchange - \$1,000,000
 Property Acquisition - Banwell / EC Row interchange - \$500,000
 Construction - Banwell / EC Row interchange - \$2,101,000

Project Comments/Reference

7171077

Version Comments

~~PRE-COMMITMENT~~
 PRE-COMMITMENT - \$58,350,000
 CR201/2017, Report # C 49/2017 approved a pre-commitment of \$200,000 in 2021 for the engineering and construction of a roundabout at Banwell Rd. and Mulberry Rd (Merged from ENG-028-17).
 CR385/2019, Report C 132/2019 approved the following commitments: \$1M in 2020 F115, \$1M in 2021 F115, \$550,000 in 2022 F169, \$1M in 2023 F115, \$70,000 in 2023 F169 (originally in ECB-025-18). *Note: \$1M from 2021 & 2023, & 50K in 2022 moved to be funded in 2020 F115 per 2020 Capital Budget

 PLACEHOLDER:
 CR385/2019, Report C 132/2019 approved the following placeholders (as of Jan. 2020 these will become commitments): \$2.35M in 2024. Note that \$250,000 placeholder moved to OPS-003-14 - University Ave. EA (approved in principle and not committed) - only \$2.1m committed in 2024.

 Of note, B8/2019 has resulted in some or all of the original PAYG funding to be identified as Service Sustainability F221 funding.

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	3,050,000	3,050,000	0	5410	Construction Contracts - TCA									
2021	200,000	200,000	0		3,050,000	200,000	500,000	70,000	2,100,000	0	4,899,000	5,101,000	90,200,000	106,120,000
2022	500,000	500,000	0		Total									
2023	70,000	70,000	0		3,050,000	200,000	500,000	70,000	2,100,000	0	4,899,000	5,101,000	90,200,000	106,120,000
2024	2,100,000	2,100,000	0	Revenues										
2025	0	0	0	115	Dev Chg - Roads & Related									
2026	4,899,000	4,899,000	0		3,050,000	0	0	0	0	0	0	0	0	3,050,000
2027	5,101,000	5,101,000	0	169	Pay As You Go - Capital Reserve									
2028+	90,200,000	90,200,000	0		0	120,000	230,000	42,000	1,285,000	0	2,939,400	3,482,600	90,200,000	98,299,000
	106,120,000	106,120,000	0	221	Service Sustainability Investm									
					0	80,000	270,000	28,000	815,000	0	1,959,600	1,618,400	0	4,771,000
					Total									
					3,050,000	200,000	500,000	70,000	2,100,000	0	4,899,000	5,101,000	90,200,000	106,120,000
Historical Approved Budget				Operating Budget Impact										
Related Projects		Project Title		Effective Date	Description								Exp/(Rev)	FTE Impact
Precedes				Unknown	Depending on the final design, there may be additional road maintenance costs.								0	0
ECP-009-07		Intersection Improvements Program												
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2010	January 1, 2020	Growth: 73.8 % Maintenance: 26.2 %		Tiffany Pocock				2028 & Beyond						



Project Version Summary

Project #	ECP-003-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Grand Marais Rd. Infrastructure Improvements		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 10		
Version Name	Main (Active)		

Project Description				Version Description												
Due to development in the area and substandard road conditions, road improvements are required from Walker to Howard. The ESR for this project was completed in 2000.				2027: Construction, Parent to Walker - \$8,290,000 2028+: Construction, Howard to Parent - \$3,200,000												
Project Comments/Reference				Version Comments												
7031012 Closed/7141017																
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total		
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2020	0	0	0	5410	Construction Contracts - TCA											
2021	0	0	0		0	0	0	0	0	0	0	0	11,490,000	11,490,000		
2022	0	0	0		0	0	0	0	0	0	0	0	0	0		
2023	0	0	0		0	0	0	0	0	0	0	0	0	0		
2024	0	0	0		0	0	0	0	0	0	0	0	0	0		
2025	0	0	0		0	0	0	0	0	0	0	0	0	0		
2026	0	0	0		0	0	0	0	0	0	0	0	0	0		
2027	0	0	0		0	0	0	0	0	0	0	0	0	0		
2028+	11,490,000	11,490,000	0		0	0	0	0	0	0	0	0	11,490,000	11,490,000		
	11,490,000	11,490,000	0		0	0	0	0	0	0	0	0	11,490,000	11,490,000		
Historical Approved Budget				Revenues												
		Revenue		169	Pay As You Go - Capital Reserve											
Year	Total Expense	Net City Cost	Subsidies		0	0	0	0	0	0	0	0	11,490,000	11,490,000		
2014	375,000	375,000	0		0	0	0	0	0	0	0	0	11,490,000	11,490,000		
2017	60,000	60,000	0		0	0	0	0	0	0	0	0	11,490,000	11,490,000		
2018	340,000	340,000	0		0	0	0	0	0	0	0	0	11,490,000	11,490,000		
Related Projects				Operating Budget Impact												
				Effective Date	Description								Exp/(Rev)	FTE Impact		
				Unknown	Depending on the final design, there may be additional road maintenance costs.							0	0			
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date								
2007	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Mike Cappucci					2028 & Beyond								



Project Version Summary

Project #	ECP-003-08	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Howard Ave. - South Corridor Infrastructure Improvements		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 1, Ward 9		
Version Name	Main (Active)		

Project Description	Version Description
Improvements to the Howard Avenue corridor are required as a result of traffic growth from expanded residential and commercial activity. The ESR for this project was completed in 2003. Limits of entire project are South Cameron Blvd. to Herb Gray Parkway.	2020: Stormwater Study - South Cameron to Cabana - \$250,000 Land Acquisition - Howard to Lake Trail Intersection - \$100,000 2022: Land Acquisition - Howard to Lake Trail - \$50,000 2023: Engineering, design and utility relocates for the South Cameron / Howard intersection redesign - \$100,000 2024: Engineering, design and utility relocates for the South Cameron / Howard intersection redesign - \$2,834,000 2026: Design for Division to Cabana - \$500,000 2027: Construction for the new intersection - \$4,358,000 2028+: Construction - Howard to Lake Trail - \$4,308,000

Project Comments/Reference	Version Comments
7096001	PRE-COMMITMENT: Phased Construction - \$42,750,000 CR86/2017, C 14/2017 approved a pre-commitment of \$350,000 available in 2020.

Project Forecast	Project Detailed Forecast																																																																																																																																																																																																																																											
<table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2020</td><td>350,000</td><td>350,000</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2023</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2024</td><td>2,834,000</td><td>2,834,000</td><td>0</td></tr> <tr><td>2025</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2026</td><td>4,358,000</td><td>4,358,000</td><td>0</td></tr> <tr><td>2027</td><td>4,308,000</td><td>4,308,000</td><td>0</td></tr> <tr><td>2028+</td><td>49,620,000</td><td>49,620,000</td><td>0</td></tr> <tr><td></td><td>61,620,000</td><td>61,620,000</td><td>0</td></tr> </tbody> </table>			Revenue		Year	Total Expense	Net City Cost	Subsidies	2020	350,000	350,000	0	2021	0	0	0	2022	50,000	50,000	0	2023	100,000	100,000	0	2024	2,834,000	2,834,000	0	2025	0	0	0	2026	4,358,000	4,358,000	0	2027	4,308,000	4,308,000	0	2028+	49,620,000	49,620,000	0		61,620,000	61,620,000	0	<table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="11">Expenses</td> </tr> <tr> <td>2915 Consulting Services - External</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>350,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>500,000</td> <td>850,000</td> </tr> <tr> <td>5210 Land Acquisition</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>50,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>50,000</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> <td>2,834,000</td> <td>0</td> <td>4,358,000</td> <td>4,308,000</td> <td>49,120,000</td> <td>60,720,000</td> </tr> <tr> <td>Total</td> <td>350,000</td> <td>0</td> <td>50,000</td> <td>100,000</td> <td>2,834,000</td> <td>0</td> <td>4,358,000</td> <td>4,308,000</td> <td>49,620,000</td> <td>61,620,000</td> </tr> <tr> <td colspan="11">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>245,000</td> <td>0</td> <td>35,000</td> <td>100,000</td> <td>500,000</td> <td>0</td> <td>1,292,400</td> <td>3,308,000</td> <td>49,620,000</td> <td>55,100,400</td> </tr> <tr> <td>176 Federal Gas Tax Rebate</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2,334,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2,334,000</td> </tr> <tr> <td>221 Service Sustainability Investm</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>105,000</td> <td>0</td> <td>15,000</td> <td>0</td> <td>0</td> <td>0</td> <td>3,065,600</td> <td>1,000,000</td> <td>0</td> <td>4,185,600</td> </tr> <tr> <td>Total</td> <td>350,000</td> <td>0</td> <td>50,000</td> <td>100,000</td> <td>2,834,000</td> <td>0</td> <td>4,358,000</td> <td>4,308,000</td> <td>49,620,000</td> <td>61,620,000</td> </tr> </tbody> </table>	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	Expenses											2915 Consulting Services - External												350,000	0	0	0	0	0	0	0	500,000	850,000	5210 Land Acquisition												0	0	50,000	0	0	0	0	0	0	50,000	5410 Construction Contracts - TCA												0	0	0	100,000	2,834,000	0	4,358,000	4,308,000	49,120,000	60,720,000	Total	350,000	0	50,000	100,000	2,834,000	0	4,358,000	4,308,000	49,620,000	61,620,000	Revenues											169 Pay As You Go - Capital Reserve												245,000	0	35,000	100,000	500,000	0	1,292,400	3,308,000	49,620,000	55,100,400	176 Federal Gas Tax Rebate												0	0	0	0	2,334,000	0	0	0	0	2,334,000	221 Service Sustainability Investm												105,000	0	15,000	0	0	0	3,065,600	1,000,000	0	4,185,600	Total	350,000	0	50,000	100,000	2,834,000	0	4,358,000	4,308,000	49,620,000	61,620,000
		Revenue																																																																																																																																																																																																																																										
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																																									
2020	350,000	350,000	0																																																																																																																																																																																																																																									
2021	0	0	0																																																																																																																																																																																																																																									
2022	50,000	50,000	0																																																																																																																																																																																																																																									
2023	100,000	100,000	0																																																																																																																																																																																																																																									
2024	2,834,000	2,834,000	0																																																																																																																																																																																																																																									
2025	0	0	0																																																																																																																																																																																																																																									
2026	4,358,000	4,358,000	0																																																																																																																																																																																																																																									
2027	4,308,000	4,308,000	0																																																																																																																																																																																																																																									
2028+	49,620,000	49,620,000	0																																																																																																																																																																																																																																									
	61,620,000	61,620,000	0																																																																																																																																																																																																																																									
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total																																																																																																																																																																																																																																		
Expenses																																																																																																																																																																																																																																												
2915 Consulting Services - External																																																																																																																																																																																																																																												
	350,000	0	0	0	0	0	0	0	500,000	850,000																																																																																																																																																																																																																																		
5210 Land Acquisition																																																																																																																																																																																																																																												
	0	0	50,000	0	0	0	0	0	0	50,000																																																																																																																																																																																																																																		
5410 Construction Contracts - TCA																																																																																																																																																																																																																																												
	0	0	0	100,000	2,834,000	0	4,358,000	4,308,000	49,120,000	60,720,000																																																																																																																																																																																																																																		
Total	350,000	0	50,000	100,000	2,834,000	0	4,358,000	4,308,000	49,620,000	61,620,000																																																																																																																																																																																																																																		
Revenues																																																																																																																																																																																																																																												
169 Pay As You Go - Capital Reserve																																																																																																																																																																																																																																												
	245,000	0	35,000	100,000	500,000	0	1,292,400	3,308,000	49,620,000	55,100,400																																																																																																																																																																																																																																		
176 Federal Gas Tax Rebate																																																																																																																																																																																																																																												
	0	0	0	0	2,334,000	0	0	0	0	2,334,000																																																																																																																																																																																																																																		
221 Service Sustainability Investm																																																																																																																																																																																																																																												
	105,000	0	15,000	0	0	0	3,065,600	1,000,000	0	4,185,600																																																																																																																																																																																																																																		
Total	350,000	0	50,000	100,000	2,834,000	0	4,358,000	4,308,000	49,620,000	61,620,000																																																																																																																																																																																																																																		

Historical Approved Budget	Operating Budget Impact																				
<table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2009</td> <td>150,000</td> <td>150,000</td> <td>0</td> </tr> </tbody> </table>			Revenue		Year	Total Expense	Net City Cost	Subsidies	2009	150,000	150,000	0	<table border="1" style="width: 100%;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>Depending on the final design, there may be additional sewer and road maintenance costs.</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	Depending on the final design, there may be additional sewer and road maintenance costs.	0	0
		Revenue																			
Year	Total Expense	Net City Cost	Subsidies																		
2009	150,000	150,000	0																		
Effective Date	Description	Exp/(Rev)	FTE Impact																		
Unknown	Depending on the final design, there may be additional sewer and road maintenance costs.	0	0																		

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2008	January 1, 2010	Growth: 70.0 % Maintenance: 30.0 %	Sergio Colucci	2028 & Beyond



Project Version Summary

Project #	ECP-003-09	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Cabana Rd. Infrastructure Improvements		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 1, Ward 9		
Version Name	Main (Active)		

Project Description

Improvements on Cabana Rd. are required as a result of traffic growth, development of surrounding neighbourhoods and intensification. The Environmental Study Report was approved in 2008. As a result of the expected impacts stemming from the proposed location of the new acute care hospital, Council authorized Administration to proceed with design and contract administration of the Cabana Road Environmental Assessment implementation as per CR234/2015.

Version Description

Timing of improvements:
 2020: Land Acquisition and Construction (continued) - Dominion to Dougall - \$10,565,860
 2021: Engineering, Land Acquisition and Construction - Dominion to Glenwood - \$7,630,000
 Engineering, Land Acquisition and Construction - Glenwood to Huron Church - \$3,150,000
 2022: Engineering, Land Acquisition and Construction - Provincial to Walker - \$3,430,000
 2023: Land Acquisition and Construction (continued) - Provincial to Walker - \$3,430,000

Total: \$28,205,860

Note that timing of expenditures differs from timing of funds, as funds were not available until future years.

Project Comments/Reference

(7092005 Closed)/7152001

Version Comments

CR234/2015, Report #18030 pre-commits the Cabana Road work in various phases.

COMMITMENT: As per CR551/2017, Report # C 151/2017, Administration recommends \$325,000 in funding in 2020 be used for the Malden Road/South Cameron asphalt widening project as grant funding was secured under the Ontario Municipal Infrastructure Program (OMCIP).

COMMITMENT: As per CR319/2019, Report C 115/2019, commitment funds of \$1,500,000 in 2022 from F169. Commitment was originally in ECP-014-07 but was moved to this project.

Of note, B8/2019 has resulted in some or all of the original PAYG funding to be identified as Service Sustainability F221 funding.

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	6,319,674	6,319,674	0	5410	Construction Contracts - TCA									
2021	6,056,742	6,056,742	0		6,319,674	6,056,742	6,045,060	3,852,560	3,765,980	3,849,659	0	0	0	29,889,675
2022	6,045,060	6,045,060	0	Total	6,319,674	6,056,742	6,045,060	3,852,560	3,765,980	3,849,659	0	0	0	29,889,675
2023	3,852,560	3,852,560	0	Revenues										
2024	3,765,980	3,765,980	0	028	Sewer Surcharge									
2025	3,849,659	3,849,659	0		2,119,674	2,881,372	1,369,690	677,190	590,610	674,308	0	0	0	8,312,844
2026	0	0	0	115	Dev Chg - Roads & Related									
2027	0	0	0		175,000	0	0	0	0	0	0	0	0	175,000
2028+	0	0	0	169	Pay As You Go - Capital Reserve									
	29,889,675	29,889,675	0		2,012,500	1,587,685	2,337,685	1,587,685	1,587,685	1,587,676	0	0	0	10,700,916
Historical Approved Budget				Operating Budget Impact										
Year	Total Expense	Net City Cost	Subsidies	Effective Date	Description								Exp/(Rev)	FTE Impact
2009	200,000	200,000	0	Unknown	Upon completion of this project, road maintenance costs due to patching and maintaining gravel shoulders will decrease. These savings, however, will be offset by other road maintenance and snow removal costs resulting from the increased surface area of the road. Operating cost figures cannot be determined at this time as the project is still in its' preliminary stages, however, it is assumed that costs will be lower immediately following completion of the project and will escalate as the road ages.								0	0
2015	125,000	125,000	0											
2016	3,612,000	3,612,000	0											
2017	6,468,000	6,468,000	0											
2018	4,060,000	3,735,000	325,000											
2019	3,830,325	3,830,325	0											
Related Projects														
Follows	Project Title													
ECP-027-07	Lennon Drain Improvements													
ENG-002-18	Asphalt Pavement Widening - Malden Rd./South Cameron Blvd.													
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2009	January 1, 2016	Growth: 50.0 % Maintenance: 50.0 %		Jane He				2024						



Project Version Summary

Project #	ECP-004-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Walker Rd. Infrastructure Improvements		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 5, Ward 9, Ward 10		
Version Name	Main (Active)		

Project Description				Version Description											
Walker Rd. from Riverside Dr. E. to Hwy. 401. Road improvements are required due to the increased traffic throughout the Walker Rd. Corridor. Improvements include laying concrete pavement, enclosing roadside ditches with storm sewers, relocating utilities, widening a rail crossing, constructing proper pedestrian facilities and constructing a new watermain. The ESR for this project was completed in 2001. To date, approx. 80% of this project has been completed.				2028+: Construction - Foster Ave. to Airport Rd. - \$17,350,000 Engineering and Construction - Temple Drive extension - \$4,030,000											
Project Comments/Reference				Version Comments											
7092016 ISF, 7104001				Through the LGWEM border projects, the Province of Ontario allocated \$15m in funding to complete improvements to Walker Rd. from Digby to Division. Future allocations are required to complete construction from Foster Ave. to Airport Rd. as well as Temple Dr. extension.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA		0	0	0	0	0	0	0	0	21,380,000	21,380,000
2021	0	0	0	Total		0	0	0	0	0	0	0	0	21,380,000	21,380,000
2022	0	0	0	Revenues											
2023	0	0	0	169 Pay As You Go - Capital Reserve		0	0	0	0	0	0	0	0	21,380,000	21,380,000
2024	0	0	0	Total		0	0	0	0	0	0	0	0	21,380,000	21,380,000
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	21,380,000	21,380,000	0												
	21,380,000	21,380,000	0												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2007	2,545,000	2,545,000	0												
2009	2,700,000	900,000	1,800,000												
2010	9,166,666	2,355,555	6,811,111												
2011	1,000,000	0	1,000,000												
2012	8,000,000	0	8,000,000												
2013	6,000,000	0	6,000,000												
2015	450,000	450,000	0												
Related Projects				Operating Budget Impact											
				Effective Date		Description								Exp/(Rev)	FTE Impact
				Unknown		Depending on the final design, there may be additional sewer and road maintenance costs.								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead						Est. Completion Date					

2007	January 1, 2007	Growth: 0.0 % Maintenance: 0.0 %	Fahd Mikhael	2028 & Beyond
------	-----------------	----------------------------------	--------------	---------------



Project Version Summary

Project #	ECP-004-08	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Municipal Drains Capital Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Maintenance of Municipal Drains as required under the Drainage Act, s74 (Maintenance of drainage works and cost) and s79(1) (Power to compel repairs). Section 79(1) provides any person affected by the condition of a drain the power to compel repairs and places potential liability on the responsible municipality.

There has been a significant increase in workload since the expiry of the ESA exemption agreement in dealing with MNRF issues.

Version Description

Municipal Drains:
 2020: Drainage Engineer Reports and maintenance as required - \$200,000.
 2021: Drainage Engineer Reports and maintenance as required - \$545,000.
 2022: Drainage Engineer Reports and maintenance as required - \$250,000.
 2023: Drainage Engineer Reports and maintenance as required - \$419,000.
 2024: Drainage Engineer Reports and maintenance as required - \$250,000.
 2025: Drainage Engineer Reports and maintenance as required - \$336,000.
 2026: Drainage Engineer Reports and maintenance as required - \$500,000.
 2027: Drainage Engineer Reports and maintenance as required - \$500,000.
 2028+: Drainage Engineer Reports and maintenance as required - \$500,000.

Project Comments/Reference

7086004

Version Comments

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	200,000	200,000	0	2950	Other Prof Services-External										
2021	545,000	545,000	0			200,000	545,000	250,000	419,000	250,000	336,000	500,000	500,000	500,000	
2022	250,000	250,000	0												
2023	419,000	419,000	0												
2024	250,000	250,000	0												
2025	336,000	336,000	0												
2026	500,000	500,000	0												
2027	500,000	500,000	0												
2028+	500,000	500,000	0												
	3,500,000	3,500,000	0												
Historical Approved Budget				Revenues											
Year	Total Expense	Net City Cost	Subsidies	028	Sewer Surcharge										
2008	400,000	400,000	0												
2009	200,000	200,000	0												
2010	200,000	200,000	0												
2011	200,000	200,000	0												
2012	200,000	200,000	0												
2013	200,000	200,000	0												
2014	200,000	200,000	0												
2015	200,000	200,000	0												
2016	100,000	100,000	0												
2017	100,000	100,000	0												
2018	200,000	200,000	0												
2019	500,000	500,000	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description									Exp/(Rev)	FTE Impact
				Unknown	No Operating Budget Impact									0	0
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2008	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %	Fahd Mikhael	Ongoing											



Project Version Summary

Project #	ECP-004-09	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Stormwater and Sanitary Master Plan Development		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 The need for these Master plans was recognized as a result of several factors, including the acquisition of the Sandwich South Lands and the completion of many of the Priority 1 Storm Sewer projects. Over the past 50 years, many studies have been undertaken for Storm and Sanitary Drainage areas. In addition, the current CCTV sewer program will identify areas of concern for sewer replacement. The resulting Stormwater and Sanitary master plans will provide consolidation of the various Storm and Sanitary studies and identify Storm and Sanitary priority lists for future Capital Works Budgets. Depending on legislation, there may be a requirement to accelerate completion of the Master Plan. Source Water Protection Policies may require monitoring of combined sewer overflow outfalls within the areas of concern.

Version Description

Project Comments/Reference
 7124000

Version Comments
 PRE-COMMITMENT:
 CR660/2017, Report # C 193/2017 approved a pre-commitment of \$250,000 in 2022 and \$250,000 in 2023.

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	0	0	0
2021	0	0	0
2022	250,000	250,000	0
2023	250,000	250,000	0
2024	0	0	0
2025	0	0	0
2026	0	0	0
2027	0	0	0
2028+	0	0	0
	500,000	500,000	0

Project Detailed Forecast		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
GL Account											
Expenses											
2951	INTERNAL Service Salary Allocn	0	0	250,000	250,000	0	0	0	0	0	500,000
	Total	0	0	250,000	250,000	0	0	0	0	0	500,000
Revenues											
028	Sewer Surcharge	0	0	250,000	250,000	0	0	0	0	0	500,000
	Total	0	0	250,000	250,000	0	0	0	0	0	500,000

Historical Approved Budget		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2012	250,000	250,000	0
2013	200,000	200,000	0
2014	500,000	500,000	0
2015	700,000	700,000	0
2018	750,000	750,000	0



Project Version Summary

Project #	ECP-005-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Tecumseh Rd. E. Infrastructure Improvements		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 7, Ward 8		
Version Name	Main (Active)		

Project Description				Version Description												
The ESR for this project was completed in 1996. Improvements on Tecumseh Rd. E. are required as a result of traffic growth and expanded commercial activity. Project involves widening Tecumseh Rd. E. between Jefferson and Banwell. Planned improvements include building three through lanes in both directions, creating left turn storage lanes at all intersections, building raised medians, 1.5 km of sidewalk on both sides of the road, undertake the replacement of watermains and other utilities and extend the sanitary sewer. As of 2016, Jefferson to Lauzon Rd. has been completed.				2020: Stormwater study, Little River to Banwell Rd - \$50,000 2021: Stormwater study, Little River to Banwell Rd - \$450,000 2022: Design – Tecumseh Rd. E. / Forest Glade Dr. intersection - \$500,000 2025: Land Acquisition - \$500,000 2026: Utility Relocation - Tecumseh Rd. E./Forest Glade Dr. Intersection - \$500,000 2027: Construction - Tecumseh Rd / Forest Glade Intersection - \$7,000,000 2028+: Design & Construction of Little River Bridge - \$9,370,000 Design, Land Acquisition & Construction - Lauzon Rd. to Forest Glade Dr. - \$11,480,000 Jefferson Boulevard from Tecumseh Rd. E. to Rose Avenue - \$3,300,000												
Project Comments/Reference				Version Comments												
7092017 ISF 7191037				PRE-COMMITMENT Staged construction for remainder of improvements - \$27,320,000 As per CR493/2019, Report C 165/2019, Council approved a pre-commitment of \$50,000 in 2020 and \$450,000 in 2021. As per the approved 2020 Capital Budget, \$400,000 is no longer a pre-commitment in 2021 but rather available for use in 2020. As per B4/2019, Report C 37/2019, Council approved a pre-commitment of \$500,000 in 2022.												
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2020	450,000	450,000	0	5210	Land Acquisition	0	0	500,000	0	0	0	0	0	0	500,000	
2021	50,000	50,000	0	5410	Construction Contracts - TCA	450,000	50,000	0	0	0	500,000	1,075,000	1,125,000	56,770,000	59,970,000	
2022	500,000	500,000	0	Total												
2023	0	0	0	450,000 50,000 500,000 0 0 500,000 1,075,000 1,125,000 56,770,000 60,470,000												
2024	0	0	0	Revenues												
2025	500,000	500,000	0	115	Dev Chg - Roads & Related	400,000	50,000	0	0	0	0	0	0	0	450,000	
2026	1,075,000	1,075,000	0	169	Pay As You Go - Capital Reserve	37,500	0	375,000	0	0	375,000	375,000	375,000	28,385,000	29,922,500	
2027	1,125,000	1,125,000	0	221	Service Sustainability Investm	12,500	0	125,000	0	0	125,000	700,000	750,000	28,385,000	30,097,500	
2028+	56,770,000	56,770,000	0	Total												
60,470,000				450,000 50,000 500,000 0 0 500,000 1,075,000 1,125,000 56,770,000 60,470,000												
60,470,000				0												
0																
Historical Approved Budget																
		Revenue														
Year	Total Expense	Net City Cost	Subsidies													
2009	5,400,000	1,800,000	3,600,000													
2010	3,000,000	1,000,000	2,000,000													
Related Projects				Operating Budget Impact												
				Effective Date	Description										Exp/(Rev)	FTE Impact
				Unknown	By undertaking this project in 2022+, the maintenance division will have to do road repairs in 2017.										0	0
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date												

2007	January 1, 2009	Growth: 75.0 % Maintenance: 25.0 %	Tiffany Pocock	2028 & Beyond
------	-----------------	------------------------------------	----------------	---------------



Project Version Summary

Project #	ECP-005-08	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Grand Marais Drain Improvements (Concrete Channel)		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	Ward 10		
Version Name	Main (Active)		

Project Description				Version Description												
Portions of the existing concrete channel between Dougall Avenue and Huron Church Road is in poor structural condition and as a result reconstruction of portions of the channel and panels are required. An environmental study report was completed in June of 2012 which identified various options including naturalising/enclosing portions of the existing concrete channel.				Grand Marais Drain Improvements (Concrete Channel): 2028+: Construction, Dougall to Bruce - \$2,550,000												
Project Comments/Reference				Version Comments												
7086005				Phased Construction - \$42,200,000												
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total		
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2020	0	0	0	5410	Construction Contracts - TCA											
2021	0	0	0		0	0	0	0	0	0	0	0	0	44,750,000	44,750,000	
2022	0	0	0		0	0	0	0	0	0	0	0	0	44,750,000	44,750,000	
2023	0	0	0		0	0	0	0	0	0	0	0	0	44,750,000	44,750,000	
2024	0	0	0		0	0	0	0	0	0	0	0	0	44,750,000	44,750,000	
2025	0	0	0		0	0	0	0	0	0	0	0	0	44,750,000	44,750,000	
2026	0	0	0		0	0	0	0	0	0	0	0	0	44,750,000	44,750,000	
2027	0	0	0		0	0	0	0	0	0	0	0	0	44,750,000	44,750,000	
2028+	44,750,000	44,750,000	0		0	0	0	0	0	0	0	0	0	44,750,000	44,750,000	
	44,750,000	44,750,000	0													
Historical Approved Budget				Revenues												
Year	Total Expense	Net City Cost	Subsidies	028	Sewer Surcharge											
2008	250,000	250,000	0		0	0	0	0	0	0	0	0	0	44,750,000	44,750,000	
2009	250,000	250,000	0		0	0	0	0	0	0	0	0	0	44,750,000	44,750,000	
2010	500,000	500,000	0		0	0	0	0	0	0	0	0	0	44,750,000	44,750,000	
2011	500,000	500,000	0		0	0	0	0	0	0	0	0	0	44,750,000	44,750,000	
2016	250,000	250,000	0		0	0	0	0	0	0	0	0	0	44,750,000	44,750,000	
Related Projects				Operating Budget Impact												
				Effective Date	Description								Exp/(Rev)	FTE Impact		
				Unknown	Depending on the final design, there may be additional drain maintenance costs.								0	0		
Year Identified	Start Date	Project Type for 2020	Project Lead			Est. Completion Date										
2008	January 1, 2010	Growth: 0.0 % Maintenance: 0.0 %	Fahd Mikhael			2028 & Beyond										



Project Version Summary

Project #	ECP-006-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Howard Ave. Infrastructure Improvements		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description				Version Description										
Howard Avenue - Erie Street East to Tecumseh Road East. The ESR for this project was completed in 2002. Road improvements have been implemented. Sewer improvements are still required due to deficiencies which have caused flooding.				2028+: Outlet sewers/road reconstruction on Giles Blvd. and Ellis Street from McDougall to Howard - \$4,100,000 This is necessary because Giles Blvd. and Ellis St. sewers provide relief for the Howard Ave. sewers.										
Project Comments/Reference				Version Comments										
Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5410	Construction Contracts - TCA									
2021	0	0	0		0	0	0	0	0	0	0	0	4,100,000	4,100,000
2022	0	0	0		0	0	0	0	0	0	0	0	4,100,000	4,100,000
2023	0	0	0		0	0	0	0	0	0	0	0	4,100,000	4,100,000
2024	0	0	0		0	0	0	0	0	0	0	0	4,100,000	4,100,000
2025	0	0	0		0	0	0	0	0	0	0	0	4,100,000	4,100,000
2026	0	0	0		0	0	0	0	0	0	0	0	4,100,000	4,100,000
2027	0	0	0		0	0	0	0	0	0	0	0	4,100,000	4,100,000
2028+	4,100,000	4,100,000	0		0	0	0	0	0	0	0	0	4,100,000	4,100,000
	4,100,000	4,100,000	0		0	0	0	0	0	0	0	0	4,100,000	4,100,000
Historical Approved Budget				Operating Budget Impact										
Related Projects				Effective Date	Description							Exp/(Rev)	FTE Impact	
				Unknown	Depending on the final design, there may be decreased sewer maintenance costs.						0	0		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2007	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %	Sergio Colucci	2028 & Beyond										



Project Version Summary

Project #	ECP-008-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Pedestrian Safety Improvements		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
Placeholder to be used based on priority analysis for various locations.				There is currently funding available from previous year's Capital Budgets for this program to deal with any requests and needs in this area.											
Project Comments/Reference				Version Comments											
7045034															
Project Forecast				Project Detailed Forecast											
		Revenue													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>	
Expenses				Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	0	0	0		0	0	100,000	0	100,000	0	100,000	0	200,000	500,000	
2022	100,000	100,000	0	Total	0	0	100,000	0	100,000	0	100,000	0	200,000	500,000	
2023	0	0	0	Revenues											
2024	100,000	100,000	0	169	Pay As You Go - Capital Reserve										
2025	0	0	0		0	0	100,000	0	100,000	0	100,000	0	200,000	500,000	
2026	100,000	100,000	0	Total	0	0	100,000	0	100,000	0	100,000	0	200,000	500,000	
2027	0	0	0												
2028+	200,000	200,000	0												
	500,000	500,000	0												
Historical Approved Budget															
		Revenue													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2007	75,000	75,000	0												
2008	175,000	175,000	0												
2009	175,000	175,000	0												
2010	175,000	175,000	0												
2011	175,000	175,000	0												
2012	100,000	100,000	0												
Related Projects				Operating Budget Impact											
				<u>Effective Date</u>	<u>Description</u>							<u>Exp/(Rev)</u>	<u>FTE Impact</u>		
				Unknown	Depending on the final design, there may be increased sidewalk maintenance costs.						0	0			
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2007	January 1, 2008	Growth: 0.0 % Maintenance: 0.0 %	Sergio Colucci/Mike Abaldo	Ongoing											



Project Version Summary

Project #	ECP-009-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Intersection Improvements Program		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
Locations will be confirmed based on the most current road safety report.				Various locations as identified in the Road Safety Report. It is recommended that a consultant be retained to undertake safety audits on each identified location where not previously investigated. 2020: Banwell / McNorton Intersection Improvements - \$115,000 (directed by Council to 2019 Capital Budget deliberations, per CR111/2018). 2021-2024: Ongoing funding to continue intersection improvements - \$285,000 - \$500,000 /yr.											
Project Comments/Reference				Version Comments											
(7062007 closed) 7151012, 7035046				CR577/2019, report # C 178/2019 approved a pre-commitment to the 2020 Capital Budget for the Banwell/McNorton Intersection on Nov. 18/19. F169 - \$342,500 and F115 - \$57,500.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	400,000	400,000	0	5410 Construction Contracts - TCA											
2021	500,000	500,000	0			400,000	500,000	500,000	500,000	500,000	0	0	0	0	2,400,000
2022	500,000	500,000	0												
2023	500,000	500,000	0												
2024	500,000	500,000	0												
2025	0	0	0	Revenues											
2026	0	0	0	115 Dev Chg - Roads & Related		57,500	0	0	0	0	0	0	0	0	57,500
2027	0	0	0	169 Pay As You Go - Capital Reserve		342,500	500,000	500,000	500,000	500,000	0	0	0	0	2,342,500
2028+	0	0	0												
	2,400,000	2,400,000	0												
Historical Approved Budget															
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2015	15,000	15,000	0												
2019	470,000	470,000	0												
Related Projects				Operating Budget Impact											
Follows		Project Title		Effective Date		Description				Exp/(Rev)		FTE Impact			
ECP-002-10		Banwell Rd. Infrastructure Improvements		Unknown		Depending on the final design, there may be increased road maintenance costs.				0		0			
EDG-001-11		Lauzon Parkway & County Rd. 42 Infrastructure Improvements													
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2007	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %		Wes Hicks				2028 & Beyond							



Project Version Summary

Project #	ECP-010-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	East Riverside Planning District Infrastructure Improvements		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 7		
Version Name	Main (Active)		

Project Description				Version Description											
The western portion of this planning area requires infrastructure improvements for the remaining 600 acres to develop. CR638/2004 approved the phasing plan for this planning district. An environmental assessment will be required prior to any construction occurring.				2021: Engineering, Construction and Land Acquisition - Wyandotte Street Extension from Banwell to Jarvis - \$2,400,000											
Project Comments/Reference				Version Comments											
7193000															
Closed: 7033118															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	2950	Other Prof Services-External	0	1,400,000	0	1,000,000	0	0	0	0	0	2,400,000
2021	1,400,000	1,400,000	0	5410	Construction Contracts - TCA	0	0	0	0	0	0	0	0	0	0
2022	0	0	0			0	0	0	0	0	0	0	0	0	0
2023	1,000,000	1,000,000	0			0	0	0	0	0	0	0	0	0	0
2024	0	0	0			0	0	0	0	0	0	0	0	0	0
2025	0	0	0			0	0	0	0	0	0	0	0	0	0
2026	0	0	0			0	0	0	0	0	0	0	0	0	0
2027	0	0	0			0	0	0	0	0	0	0	0	0	0
2028+	0	0	0			0	0	0	0	0	0	0	0	0	0
	2,400,000	2,400,000	0			0	1,400,000	0	1,000,000	0	0	0	0	0	2,400,000
Historical Approved Budget				Revenues											
Year	Total Expense	Net City Cost	Subsidies	028											
2007	8,000,000	8,000,000	0	Sewer Surcharge		0	0	0	0	0	0	0	0	0	0
2008	3,150,000	3,150,000	0	115		0	1,400,000	0	1,000,000	0	0	0	0	0	2,400,000
2009	4,816,667	4,816,667	0	169		0	0	0	0	0	0	0	0	0	0
2010	2,250,000	2,250,000	0	Pay As You Go - Capital Reserve		0	0	0	0	0	0	0	0	0	0
2015	1,000,000	1,000,000	0			0	0	0	0	0	0	0	0	0	0
2019	250,000	250,000	0			0	0	0	0	0	0	0	0	0	0
				Total											
						0	1,400,000	0	1,000,000	0	0	0	0	0	2,400,000
Related Projects				Operating Budget Impact											
				Effective Date	Description									Exp/(Rev)	FTE Impact
				Unknown	Depending on the final design, there may be additional road and sewer maintenance costs.									0	0
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2007	January 1, 2007	Growth: 0.0 % Maintenance: 0.0 %		Jane He					2022						



Project Version Summary

Project #	ECP-014-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	City Centre Streetscape Program		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 2, Ward 3		
Version Name	Main (Active)		

Project Description
 The revitalization of the City Centre Streetscape work involves sewer repairs, watermain replacement, utility replacement, road, pedestrian and streetlight replacement, sidewalk and streetscape work. Phase 1 and 2 were completed in 2007. Phase 3 was completed in 2009. Phase 4 and 5 were completed in 2010 as part of the ISF projects. Phase 6 Ouellette from Wyandotte to Elliott - is last of the original project and will be constructed in 2017 / 2018.

Moving forward, rehabilitation to the east-west streets, including University, Chatham and Pitt are also necessary. These replacements will be similar in nature to the Ouellette Ave. and Pelissier St. replacements.

Project Comments/Reference
 7052085 closed/7092020 ISF closed/7143003

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	350,000	350,000	0
2021	0	0	0
2022	3,025,000	3,025,000	0
2023	1,100,000	1,100,000	0
2024	400,000	400,000	0
2025	0	0	0
2026	0	0	0
2027	0	0	0
2028+	20,000,000	20,000,000	0
	24,875,000	24,875,000	0

Historical Approved Budget		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2007	150,000	150,000	0
2008	1,074,846	790,000	284,846
2009	4,032,987	2,039,750	1,993,237
2010	5,794,500	1,419,750	4,374,750
2018	897,640	0	897,640
2019	350,000	350,000	0

Version Description
 2022: University from Victoria to Goyeau - \$3,025,000 (Engineering / Utility Relocation / Construction)
 2024: Chatham from Victoria to Goyeau - \$400,000 (Engineering)
 2028+: Chatham from Victoria to Goyeau - \$5,000,000 (Construction)

Note that timing of work differs from detailed forecast below. This is due to funds for the Phase 6 (Ouellette from Wyandotte to Elliott) construction work not being available until 2020.
 Phase 6 Ouellette Streetscape Improvements - \$15,000,000

Version Comments
 Phase 6 (Ouellette from Wyandotte to Elliott):
 CR107/2017 approved a pre-commitment of \$1,850,000 to the 2018 5-year Capital Budget (\$350,000 in 2020 and \$1,500,000 in 2022).
 CR319/2019 approved the removal of the pre-commitment of \$1,500,000 in 2022, which is to be moved to project ECP-003-09.

Project Detailed Forecast		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses											
2915	Consulting Services - External	350,000	0	0	0	400,000	0	0	0	0	750,000
5410	Construction Contracts - TCA	0	0	3,025,000	1,100,000	0	0	0	0	20,000,000	24,125,000
Total		350,000	0	3,025,000	1,100,000	400,000	0	0	0	20,000,000	24,875,000
Revenues											
221	Service Sustainability Investm	350,000	0	3,025,000	1,100,000	400,000	0	0	0	20,000,000	24,875,000
Total		350,000	0	3,025,000	1,100,000	400,000	0	0	0	20,000,000	24,875,000

Related Projects		Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2007	January 1, 2007	Growth: 0.0 % Maintenance: 100.0 %	Jane He	2028 & Beyond
			Effective Date Description Unknown Most of these areas have many deficiencies and are in a state of disrepair. Currently, there aren't sufficient funds in the Operating budget to fix or maintain these areas. Repairs will be selective and most sidewalk repairs will be done with asphalt.	Exp/(Rev) FTE Impact 0 0



Project Version Summary

Project #	ECP-016-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	The Riverside Drive Vista Improvement		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 2, Ward 3, Ward 4, Ward 5, Ward 6, Ward 7		
Version Name	Main (Active)		

Project Description			
The Environmental Study Report has been finalized and approved and contains recommendations on construction phasing for improvements to Riverside Dr. The limits of the study are from Rosedale to the east City limits.			
Project Comments/Reference			
7086001			
Project Forecast			
		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	664,000	664,000	0
2021	250,000	250,000	0
2022	0	0	0
2023	0	0	0
2024	2,215,000	2,215,000	0
2025	2,400,000	2,400,000	0
2026	2,500,000	2,500,000	0
2027	8,000,000	8,000,000	0
2028+	50,800,000	50,800,000	0
	66,829,000	66,829,000	0
Historical Approved Budget			
		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2008	150,000	150,000	0
2009	1,000,000	1,000,000	0
2011	500,000	500,000	0
2016	3,250,000	3,250,000	0
2017	680,000	680,000	0
2018	280,000	280,000	0

Version Description												
2024: Engineering, Phase 3A, Ford to Strabane - \$2,215,000 2025: Property Acquisition, Phase 3A, Ford to Strabane - \$1,400,000 2026: Utility Relocations, Phase 3A, Ford to Strabane - \$2,000,000 Engineering, Riverside / Drouillard Intersection - \$1,000,000 2027: Construction, Phase 3A, Ford to Strabane - \$8,000,000 2028+: Construction, Phase 3A, Ford to Strabane - \$50,800,000												
Version Comments												
PRE-COMMITMENT: Phased Engineering and Construction - \$41,800,000 As per CR156/2018, Council approved a pre-commitment of \$664k in 2020 and \$250K in 2021.												
Project Detailed Forecast												
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total		
Expenses												
2915 Consulting Services - External	0	0	0	0	0	2,400,000	0	0	0	0	2,400,000	
5210 Land Acquisition	664,000	0	0	0	0	0	0	0	0	0	664,000	
5410 Construction Contracts - TCA	0	250,000	0	0	2,215,000	0	2,500,000	8,000,000	50,800,000	63,765,000	66,829,000	
Total	664,000	250,000	0	0	2,215,000	2,400,000	2,500,000	8,000,000	50,800,000	66,829,000	66,829,000	
Revenues												
169 Pay As You Go - Capital Reserve	166,000	62,500	0	0	553,750	600,000	625,000	2,000,000	25,400,000	29,407,250	29,407,250	
221 Service Sustainability Investm	498,000	187,500	0	0	1,661,250	1,800,000	1,875,000	6,000,000	25,400,000	37,421,750	37,421,750	
Total	664,000	250,000	0	0	2,215,000	2,400,000	2,500,000	8,000,000	50,800,000	66,829,000	66,829,000	

Related Projects			
-------------------------	--	--	--

Operating Budget Impact				
Effective Date	Description	Exp/(Rev)	FTE Impact	
Unknown	Depending on the final design, there may be additional road and sewer maintenance costs.	0	0	

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2007	January 1, 2009	Growth: 25.0 % Maintenance: 75.0 %	Anna Godo	Ongoing



Project Version Summary

Project #	ECP-022-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Prince Rd./Totten St. Storm Sewer Improvements - Engineering & Construction		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	Ward 10		
Version Name	Main (Active)		

Project Description				Version Description											
This project will relieve basement, street and property flooding in the Prince Road storm relief drainage area.				Balance of storm relief sewers within the Prince Road drainage area are: 2020: Engineering - \$80,000 2022: Engineering - \$100,000 2024: Tecumseh/Dorchester Separation - \$2,450,000 2025: Felix/Marlborough Separation - \$2,250,000 2028+: Totten Street from Betts to Mark - \$4,350,000											
Project Comments/Reference				Version Comments											
7086002/ 7186002															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	80,000	80,000	0	2915 Consulting Services - External											
2021	0	0	0	80,000	0	0	0	0	0	0	0	0	0	0	80,000
2022	100,000	100,000	0	5410 Construction Contracts - TCA											
2023	0	0	0	0	0	100,000	0	2,450,000	2,250,000	0	0	0	0	4,350,000	9,150,000
2024	2,450,000	2,450,000	0	Total	80,000	0	100,000	0	2,450,000	2,250,000	0	0	0	4,350,000	9,230,000
2025	2,250,000	2,250,000	0	Revenues											
2026	0	0	0	028 Sewer Surcharge											
2027	0	0	0	0	0	0	0	453,500	1,687,500	0	0	0	3,262,500	5,403,500	
2028+	4,350,000	4,350,000	0	117 Dev Chg - Storm & Drains											
9,230,000	9,230,000	0		80,000	0	0	0	1,384,000	0	0	0	0	0	1,464,000	
Historical Approved Budget				169 Pay As You Go - Capital Reserve											
Year	Total Expense	Net City Cost	Subsidies	0	0	10,000	0	61,250	33,750	0	0	0	1,087,500	1,192,500	
2007	670,000	670,000	0	221 Service Sustainability Investm											
2008	325,000	325,000	0	0	0	90,000	0	551,250	528,750	0	0	0	0	1,170,000	
2009	2,000,000	2,000,000	0	Total	80,000	0	100,000	0	2,450,000	2,250,000	0	0	4,350,000	9,230,000	
2010	4,620,000	4,620,000	0	Operating Budget Impact											
2018	125,000	125,000	0	Effective Date	Description									Exp/(Rev)	FTE Impact
Related Projects				Unknown	Depending on the final design, there may be decreased road and sewer maintenance costs.								0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2007	January 1, 2008	Growth: 100.0 % Maintenance: 0.0 %	Jane He	2028 & Beyond											



Project Version Summary

Project #	ECP-023-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Parent Ave./McDougall Ave. Storm Sewer Engineering & Construction		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 3, Ward 4		
Version Name	Main (Active)		

Project Description				Version Description										
To relieve basement, street and property flooding in the Parent/McDougall storm relief area. Construction of sewers will increase capacity to handle major storms.				2022: Giles Storm Sewer - Langlois to Gladstone - \$2,950,000 2026: Engineering - McDougall Storm Relief Sewer - Phase 1 - \$1,500,000 2027: McDougall Storm Relief Sewer - Phase I - Construction - \$8,960,000 2028+: McDougall Storm Relief Sewer - Phase II - Engineering and Construction (Giles to Southerly limit) - \$8,800,000										
Project Comments/Reference				Version Comments										
7182005				Note that there are timing differences between when funds are used and when they are available.										
Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses										
2020	0	0	0	5410	Construction Contracts - TCA									
2021	0	0	0		0	0	2,950,000	0	0	0	1,485,000	95,000	17,680,000	22,210,000
2022	2,950,000	2,950,000	0		0	0	2,950,000	0	0	0	1,485,000	95,000	17,680,000	22,210,000
2023	0	0	0		Revenues									
2024	0	0	0	028	Sewer Surcharge									
2025	0	0	0		0	0	2,950,000	0	0	0	0	0	17,680,000	20,630,000
2026	1,485,000	1,485,000	0	221	Service Sustainability Investm									
2027	95,000	95,000	0		0	0	0	0	0	1,485,000	95,000	0	1,580,000	
2028+	17,680,000	17,680,000	0		0	0	0	0	0	1,485,000	95,000	0	17,680,000	22,210,000
	22,210,000	22,210,000	0		0	0	2,950,000	0	0	0	1,485,000	95,000	17,680,000	22,210,000
Historical Approved Budget				Operating Budget Impact										
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Effective Date	Description								Exp/(Rev)	FTE Impact
2018	250,000	250,000	0	Unknown	Depending on the final design, there may be decreased road and sewer maintenance costs.								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2007	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %		Anna Godo				2028 & Beyond						



Project Version Summary

Project #	ECP-028-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Grand Marais Drain Rehabilitation Program (Existing Naturalized Channel)		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	Ward 5, Ward 10		
Version Name	Main (Active)		

Project Description
 Rehabilitation is required from South Cameron Blvd. to approximately 280m upstream of E.C. Row Expressway to increase capacity. This will enable elimination of the temporary ponds. Provincial WECl funds will be leveraged in order to complete these works.
 Once the necessary work is completed, these six temporary stormwater management ponds could be decommissioned and redeveloped, subject to appropriate provision of municipal services.

Version Description
 2021: Phased Construction - \$732,000
 2022: Phased Construction - \$500,000
 2023: Phased Construction - \$1,200,000
 2026: Phased Construction - \$1,000,000
 2027: Phased Construction - \$500,000

Project Comments/Reference
 7082003

Version Comments
 As per CR541/2017, the National Disaster Mitigation Program funding of \$99,250 has been awarded.

 PRE-COMMITMENT per CR76/2020:
 a) 2021 - \$367,200 from Sewer Surcharge Fund 028
 b) 2021 - \$364,800 from Development Charges –Storm & Drain Fund 117
 c) 2022 - \$268,000 from Sewer Surcharge Fund 028

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	0	0	0
2021	732,000	732,000	0
2022	500,000	500,000	0
2023	1,200,000	1,200,000	0
2024	0	0	0
2025	0	0	0
2026	1,000,000	1,000,000	0
2027	500,000	500,000	0
2028+	0	0	0
	3,932,000	3,932,000	0

Project Detailed Forecast		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses											
5410	Construction Contracts - TCA										
		0	732,000	500,000	1,200,000	0	0	1,000,000	500,000	0	3,932,000
	Total	0	732,000	500,000	1,200,000	0	0	1,000,000	500,000	0	3,932,000
Revenues											
028	Sewer Surcharge										
		0	367,200	500,000	1,200,000	0	0	1,000,000	500,000	0	3,567,200
117	Dev Chg - Storm & Drains										
		0	364,800	0	0	0	0	0	0	0	364,800
	Total	0	732,000	500,000	1,200,000	0	0	1,000,000	500,000	0	3,932,000

Historical Approved Budget		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2007	140,000	140,000	0
2008	735,000	735,000	0
2009	1,330,000	1,330,000	0
2014	2,000,000	2,000,000	0
2018	470,000	470,000	0
2019	1,600,000	1,600,000	0

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
2007	January 1, 2008	Growth: 0.0 % Maintenance: 0.0 %	Fahd Mikhael	2028 & Beyond	
			Effective Date	Description	Exp/(Rev) FTE Impact
			Unknown	There may be incremental tax revenues generated upon completion of this project, if the stormwater management ponds are decommissioned and redeveloped.	0 0



Project Version Summary

Project # ECP-034-07 **Service Area** Office of the City Engineer
Budget Year 2020 **Department** Engineering
Asset Type Unassigned **Division** Infrastructure & Geomatics

Title Campbell Ave./University Ave. Storm Sewer Engineering & Construction
Budget Status Council Approved Budget
Major Category Sewers Infrastructure
Wards Ward 2
Version Name Main (Active)

Project Description				Version Description													
				Storm Relief Sewers required are: 2020: McKay/Curry/Adanac - \$3,670,000													
Project Comments/Reference				Version Comments													
7062004																	
Project Forecast				Project Detailed Forecast													
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total		
Year	Total Expense	Net City Cost	Subsidies	Expenses													
2020	3,670,000	3,670,000	0	5410 Construction Contracts - TCA													
2021	0	0	0			3,670,000	0	0	0	0	0	0	0	0	3,670,000		
2022	0	0	0	Total		3,670,000	0	0	0	0	0	0	0	0	3,670,000		
2023	0	0	0	Revenues													
2024	0	0	0	028 Sewer Surcharge													
2025	0	0	0			3,670,000	0	0	0	0	0	0	0	0	3,670,000		
2026	0	0	0	Total		3,670,000	0	0	0	0	0	0	0	0	3,670,000		
2027	0	0	0														
2028+	0	0	0														
	3,670,000	3,670,000	0														
Historical Approved Budget																	
		Revenue															
Year	Total Expense	Net City Cost	Subsidies														
2008	1,577,000	1,577,000	0														
2009	565,000	565,000	0														
2010	1,450,000	1,450,000	0														
2011	1,720,000	1,720,000	0														
2015	1,144,000	1,144,000	0														
2017	2,000,000	2,000,000	0														
2018	125,000	125,000	0														
Related Projects				Operating Budget Impact													
				Effective Date		Description								Exp/(Rev)		FTE Impact	
				Unknown		Depending on the final design, there may be increased sewer maintenance costs.								0		0	
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date									
2007	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %		Sergio Colucci				2020									



Project Version Summary

Project #	ECP-035-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	City Wide Sewer Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

<p>Project Description</p> <p>The existing system is deteriorating and is causing major maintenance problems. This funding allows for the replacement of collapsed or deteriorated sewers. Projects are identified based on television inspection and emergency call activity.</p>	<p>Version Description</p> <p>Please see attachment for further details.</p>
<p>Project Comments/Reference</p> <p>See Document Attached.</p> <p>OPEN: 7092009 /7134005/7144001/7144004/ 7144006/7153000-7153005/7161062/7164001/7164006-7164008/ 7171003-7171009/7181001-7181004/7181006-7181009/ 7191024/ 7191025/ 7191026/ 7201025-7201028</p> <p>CLOSED: 7082006-7082026/7092010-7092012/7103002-7103007/ 7111014-7111018 7132000/7134002/7144002/7144003/7144005/7092008/ 7111017/7164003-7164005/7171004-7171008/7134000/7134001/7134004/7144000/7161063</p>	<p>Version Comments</p> <p>CR577/2019, report # C 178/2019 approved a pre-commitment to the 2020 Capital Budget on Nov. 18/19. F028 - \$3,800,00</p> <ol style="list-style-type: none"> 1. Francois - Seminole to Alice - \$2,300,000 2. Norman - Tecumseh Road East to Adstoll - \$1,500,000.

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	8,208,750	8,208,750	0	5410	Construction Contracts - TCA									
2021	9,348,500	9,348,500	0		8,208,750	9,348,500	10,245,000	10,343,000	6,037,000	7,518,000	8,427,624	10,500,000	40,000,000	110,627,874
2022	10,245,000	10,245,000	0	Total	8,208,750	9,348,500	10,245,000	10,343,000	6,037,000	7,518,000	8,427,624	10,500,000	40,000,000	110,627,874
2023	10,343,000	10,343,000	0	Revenues										
2024	6,037,000	6,037,000	0	028	Sewer Surcharge									
2025	7,518,000	7,518,000	0		8,208,750	9,348,500	10,245,000	10,343,000	6,037,000	7,518,000	8,427,624	10,500,000	40,000,000	110,627,874
2026	8,427,624	8,427,624	0	Total	8,208,750	9,348,500	10,245,000	10,343,000	6,037,000	7,518,000	8,427,624	10,500,000	40,000,000	110,627,874
2027	10,500,000	10,500,000	0											
2028+	40,000,000	40,000,000	0											
	110,627,874	110,627,874	0											
Historical Approved Budget														
Year	Total Expense	Net City Cost	Subsidies											
2007	8,078,000	8,078,000	0											
2008	9,069,000	9,069,000	0											
2009	10,797,000	10,797,000	0											
2010	11,611,000	11,611,000	0											
2011	8,700,000	8,700,000	0											
2012	7,250,000	7,250,000	0											
2013	10,425,000	9,350,000	1,075,000											
2014	15,055,000	15,055,000	0											
2015	10,700,000	10,700,000	0											
2016	12,500,000	12,500,000	0											
2017	18,116,000	14,160,000	3,956,000											
2018	14,116,673	14,116,673	0											
2019	12,280,000	12,280,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	Depending on the final design, there may be decreased sewer maintenance costs.							0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2007	January 1, 2007	Growth: 0.0 % Maintenance: 100.0 %	Various	Ongoing										

**Project Attachments
For: 2020**

Project # ECP-035-07

Project Name: City Wide Sewer Rehabilitation Program

Project#	STREET	FROM	TO	Sewer Type	Ward	2020	Allocation of 2020 Costs			
							Construction	Engineering	Land Acquisition	
Construction										
	Francois Rd	Seminole St	Alice St	over/under	5	\$2,300	\$ 2,116	\$ 184	-	
	Norman Rd	Tecumseh Rd E	Adstoll Ave	combined	8	\$1,500	\$ 1,380	\$ 120	-	
	Jos St. Louis Ave	Tecumseh Rd	Rose Ave	combined	8	\$1,360	\$ 1,251	\$ 109	-	
	Cadillac Rd	Alice St	Tecumseh Rd	over/under	5	\$2,546	\$ 2,342	\$ 204	-	
Engineering ONLY - For 2022 Projects							\$ 503		\$ 503	
Grand Total							\$ 8,209	\$ 7,090	\$ 1,119	\$ -

Revised October 29, 2019

**Project Attachments
For: 2020**

Project # ECP-035-07

Project Name: City Wide Sewer Rehabilitation Program

Recommended Sewer Rehabilitation Program (2021 - 2027) *

STREET	FROM	TO	Sewer Type	Ward	2021	2022	2023	2024	2025	2026	2027	
Construction												
Jos St.	Louis Ave	Tecumseh Rd	Rose Ave	combined	8	\$1,500						
Bernard Rd		Guy St	Tecumseh Rd E	over/under	5	\$1,450						
Wellesley Ave		Terminal St	Ypres Blvd	combined	4	\$3,700						
Rankin Ave		Wyandotte St W	Union St	comb/separated	2	\$1,500						
Improvements identified in the sewer masterplan					various	\$430						
Engineering ONLY - For 2023 Projects						\$769						
Construction												
Ypres Blvd		Marentette Ave	Forest Ave	combined	4		\$1,800					
Aubin Rd		Seminole St	Alice St	over/under	5		\$2,700					
Olive Rd		Milloy St	Tecumseh Rd	separated	8		\$2,550					
St. Luke Rd		Seminole St	Alice St	over/under	5		\$2,695					
Engineering ONLY - For 2024 Projects						\$500						
Construction												
Aubin Rd		Alice St	Guy St	over/under	5			\$3,100				
Albert Rd		Seminole St	Metcalfe St	separated	5			\$1,683				
Laing/McEwan		Campbell/Laing	Curry/Grove	combined	2			\$2,350				
Westminster Blvd		Rose Ave	Joinville Ave	combined	8			\$1,510				
Chandler Rd		Seminole St	Reginald St	separated	5			\$1,200				
Engineering ONLY - For 2025 Projects							\$500					
Construction												
Barrymore Ln		Prince Rd	Brock St	over/under	2				\$3,000			
St. Luke Rd		Alice St	Tecumseh Rd	over/under	5				\$2,837			
Engineering ONLY - For 2026 Projects								\$200				
Construction												
Ford Blvd		Reginald St	Coronation Ave	combined	8				\$3,768			
Louis Ave		Lens Ave	Memorial Dr	combined	4				\$2,050			
Chandler Rd		Alice St	Milloy St	separated	5				\$1,200			
Engineering ONLY - For 2027 Projects									\$500			
List of various projects for 2027 construction not yet developed.												
Construction												
Patricia Rd		University Ave	Riverside Dr	Combined	2					\$228		
Westminster Blvd		Joinville Ave	Rose St	Combined	8					\$1,700		
Central Ave		Via Tracks	Franklin St	over/under	5					\$3,000		
Girardot St		Prince Rd	Brock St	over/under	2					\$3,000		
Engineering ONLY - For 2028 Projects										\$500		
List for various projects for 2028 construction not yet developed.												
Construction												
List of projects for 2027 construction being compiled												
											\$10,000	
Engineering ONLY - For 2029 Projects											\$500	
List for various projects for 2029 construction not yet developed.												
Grand Total						\$9,349	\$10,245	\$10,343	\$6,037	\$7,518	\$8,428	\$10,500

* Project list for 2021 - 2027 is preliminary only and must be coordinated with the Windsor Utilities Commission.



Project Version Summary

Project #	ECP-036-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Ojibway Sanitary Sewer Rehabilitation		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	Ward 1, Ward 2		
Version Name	Main (Active)		

Project Description				Version Description										
These funds are required to rehabilitate the century old deteriorated sanitary sewer on Ojibway Parkway between the former Windsor Raceway and the Lou Romano Water Reclamation Plant. This sewer serves many of the industries located within the Ojibway Industrial Park.				<p>2023: Rehabilitation - \$3,000,000 2024: Rehabilitation - \$500,000 2025: Rehabilitation - \$500,000 2026: Rehabilitation - \$1,000,000</p> <p>This work would include identifying the newest technology to rehabilitate the sanitary sewer while ensuring that there would be minimal disturbance to the flow. It is critical to continually review the condition of this sewer due to its age and the volume of flow. This sewer provides service to the Weaver/Sprucewood industrial area.</p>										
Project Comments/Reference				Version Comments										
7032060 Closed/7141018														
Project Forecast				Project Detailed Forecast										
		<u>Revenue</u>												
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>
2020	0	0	0	Expenses										
2021	0	0	0	5410	Construction Contracts - TCA									
2022	0	0	0		0	0	0	3,000,000	500,000	500,000	1,000,000	0	0	5,000,000
2023	3,000,000	3,000,000	0	Total	0	0	0	3,000,000	500,000	500,000	1,000,000	0	0	5,000,000
2024	500,000	500,000	0	Revenues										
2025	500,000	500,000	0	028	Sewer Surcharge									
2026	1,000,000	1,000,000	0		0	0	0	3,000,000	500,000	500,000	1,000,000	0	0	5,000,000
2027	0	0	0	Total	0	0	0	3,000,000	500,000	500,000	1,000,000	0	0	5,000,000
2028+	0	0	0											
	5,000,000	5,000,000	0											
Historical Approved Budget														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>											
2014	1,900,000	1,900,000	0											
Related Projects				Operating Budget Impact										
				<u>Effective Date</u>	<u>Description</u>								<u>Exp/(Rev)</u>	<u>FTE Impact</u>
				Unknown	Depending on the final design, there may be decreased sewer maintenance costs.							0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead			Est. Completion Date								
2007	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %	Tiffany Pocock			2027								



Project Version Summary

Project #	EDG-001-11	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Lauzon Parkway & County Rd. 42 Infrastructure Improvements		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description			
The Lauzon Parkway Environmental Assessment (EA) is now complete. The EA includes: Lauzon Pkwy - E.C. Row to Hwy. 3 County Rd. 42 - Walker Rd. to eastern City limits East/West Arterial - Walker Rd. to County Rd. 17 Note: Improvements to the Upper Little River Stormwater Facilities (ECP-001-10) are required with any improvements in this project.			
Project Comments/Reference			
7109005 (closed) 7197000			
Project Forecast			
	Revenue		
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2020	1,500,000	1,500,000	0
2021	550,000	550,000	0
2022	0	0	0
2023	1,000,000	1,000,000	0
2024	300,000	300,000	0
2025	11,784,000	11,784,000	0
2026	9,600,000	9,600,000	0
2027	3,401,000	3,401,000	0
2028+	345,500,000	345,500,000	0
	373,635,000	373,635,000	0
Historical Approved Budget			
	Revenue		
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2011	50,000	0	50,000
2012	50,000	0	50,000
2013	50,000	0	50,000
2019	1,500,000	1,500,000	0

Version Description											
2020: Land Acquisition for intersection of Lauzon Parkway North realignment - \$1,500,000 2021: Utility Relocation for intersection of Lauzon Parkway North realignment - \$550,000 2023-26: Construction of intersection of Lauzon Parkway North realignment - \$22,818,000 2027: Engineering - Design of County Road 42 from 9th Concession Road to Lauzon Parkway - \$2,000,000 2028+: Engineering - Design of County Road 42, west of 9th Concession Road - \$5,000,000 Land Acquisition / Construction of County Road 42 between 9th Concession Road and Lauzon Parkway - \$26,500,000 Land Acquisition, County Road 42 - \$12,000,000 Phased Engineering / Construction, East/West Arterial - \$48,000,000 Phased Construction, County Road 42 - \$61,000,000 Engineering / Construction, Lauzon Parkway - \$191,000,000 Approval of the new hospital may require acceleration of these funds.											
Version Comments											
Approval of the new hospital may require acceleration of these funds.											
Project Detailed Forecast											
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Expenses											
2915	Consulting Services - External										
	0	550,000	0	1,000,000	0	0	0	0	0	0	1,550,000
5410	Construction Contracts - TCA										
	1,500,000	0	0	0	300,000	11,784,000	9,600,000	3,401,000	345,500,000	372,085,000	
Total	1,500,000	550,000	0	1,000,000	300,000	11,784,000	9,600,000	3,401,000	345,500,000	373,635,000	
Revenues											
028	Sewer Surcharge										
	0	0	0	0	0	0	0	0	0	0	0
115	Dev Chg - Roads & Related										
	1,500,000	50,000	0	1,000,000	0	3,000,000	1,400,000	0	0	6,950,000	
117	Dev Chg - Storm & Drains										
	0	500,000	0	0	300,000	2,584,000	0	0	0	3,384,000	
169	Pay As You Go - Capital Reserve										
	0	0	0	0	0	3,296,000	4,680,000	2,945,900	345,500,000	356,421,900	
176	Federal Gas Tax Rebate										
	0	0	0	0	0	1,334,000	2,400,000	0	0	3,734,000	
221	Service Sustainability Investm										
	0	0	0	0	0	1,570,000	1,120,000	455,100	0	3,145,100	
Total	1,500,000	550,000	0	1,000,000	300,000	11,784,000	9,600,000	3,401,000	345,500,000	373,635,000	

Related Projects		Operating Budget Impact			
Precedes	Project Title	Effective Date	Description	Exp/(Rev)	FTE Impact
ECP-009-07	Intersection Improvements Program	Unknown	Upon completion of this project, road maintenance costs due to patching and maintaining gravel shoulders will decrease. These savings, however, will be offset by other road maintenance and snow removal costs resulting from the increased surface area of Lauzon Parkway and County Rd. 42, as well as the addition of the East/West Arterial. Operating cost figures cannot be determined at this time as the project is still in its preliminary stages, however, it is assumed that costs will be lower immediately following completion of the project and will escalate as the road ages.	0	0
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
2011	January 1, 2021	Growth: 80.0 % Maintenance: 20.0 %	Anna Godo	2028 & Beyond	



Project Version Summary

Project #	ENG-001-13	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Capital Rehabilitation Program for Little River Steel Retaining Walls		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	Ward 6, Ward 7		
Version Name	Main - Little River Steel Retaining Walls (Active)		

Project Description				Version Description											
Little River steel retaining walls and earth berms were constructed between Riverside Drive and the Via Tracks in the 1980s to provide flood protection to the immediate flood prone area. The dykes provide vital flood protection for over 2000 homes and the Little River Pollution Control Plant. Condition survey and structural evaluation of the 2.5km system of Little River Steel Retaining Walls was completed in 2012. Sections of the system are near the end of accelerated service life and require immediate rehabilitation. The balance of the system requires rehabilitation in order to extend service life beyond 10 years.				2020: Phased replacement of retaining wall - \$1,000,000 2023: Phased replacement of retaining wall - \$1,000,000 2024: Phased replacement of retaining wall - \$500,000 2025: Phased replacement of retaining wall - \$500,000 2026: Phased replacement of retaining wall - \$1,000,000 2027: Phased replacement of retaining wall - \$1,000,000 2028+: Phased replacement of retaining wall - \$18,500,000 The City has partnered with ERCA in order to obtain Provincial Water and Erosion Control Infrastructure (WECI) funds.											
Project Comments/Reference				Version Comments											
7141019															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	1,000,000	1,000,000	0	5410 Construction Contracts - TCA											
2021	0	0	0		1,000,000	0	0	1,000,000	500,000	500,000	1,000,000	1,000,000	18,500,000	23,500,000	
2022	0	0	0	Total	1,000,000	0	0	1,000,000	500,000	500,000	1,000,000	1,000,000	18,500,000	23,500,000	
2023	1,000,000	1,000,000	0	Revenues											
2024	500,000	500,000	0	028 Sewer Surcharge											
2025	500,000	500,000	0		1,000,000	0	0	1,000,000	500,000	500,000	1,000,000	1,000,000	18,500,000	23,500,000	
2026	1,000,000	1,000,000	0	Total	1,000,000	0	0	1,000,000	500,000	500,000	1,000,000	1,000,000	18,500,000	23,500,000	
2027	1,000,000	1,000,000	0												
2028+	18,500,000	18,500,000	0												
	23,500,000	23,500,000	0												
Historical Approved Budget															
Year	Total Expense	Net City Cost	Subsidies												
2014	1,000,000	500,000	500,000												
2016	500,000	500,000	0												
2017	1,000,000	1,000,000	0												
2018	500,000	500,000	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	No Operating Budget Impact								0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2013	January 1, 2014	Growth: 0.0 % Maintenance: 100.0 %	Fahd Mikhael	2028 & Beyond											



Project Version Summary

Project #	ENG-001-16	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Sixth Concession Rd./North Talbot Rd. Infrastructure Improvements		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 1, Ward 9		
Version Name	Main (Active)		

Project Description			Version Description											
The Sixth Concession/North Talbot EA is nearing completion and includes recommendations on construction phasing for both Sixth Concession and North Talbot Roads. The cost estimates do not include land acquisition, utilities, or works associated with CN Rail.			2021: Utility Relocation, North Talbot - \$300,000 2025: Construction - North Talbot, Howard to Southwood Lakes Boulevard (West leg) -\$2,850,000 2026-2027: Phased Construction, North Talbot - \$3,590,000 2026-2027: Utility Relocation, Sixth Concession - \$300,000 2028+: Phased Construction, North Talbot - \$4,110,000											
Project Comments/Reference			Version Comments											
7171063			PRE-COMMITMENT: Phased Construction, Sixth Concession - \$16,290,000 CR201/2017, Report #C 49/2017 approved a pre-commitment of \$300,000 in 2021. As per B30/2019, council report C 53/2019 increase in F169 PAYG funding per allocation in Table3 of the report. This report also approves the commitment of \$32,000 in 2021, \$967,000 in 2022 and \$1,000 in 2023. Of note, B8/2019 has resulted in some or all of the original PAYG funding to be identified as Service Sustainability F221 funding.											
Project Forecast			Project Detailed Forecast											
		Revenue												
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
2020	2,850,000	2,850,000	0	Expenses										
2021	932,000	932,000	0	5210 Land Acquisition	0	675,000	610,000	630	0	0	0	0	0	1,285,630
2022	967,000	967,000	0	5410 Construction Contracts - TCA	2,850,000	257,000	357,000	370	0	0	1,200,000	1,390,000	20,400,000	26,454,370
2023	1,000	1,000	0	Total	2,850,000	932,000	967,000	1,000	0	0	1,200,000	1,390,000	20,400,000	27,740,000
2024	0	0	0	Revenues										
2025	0	0	0	115 Dev Chg - Roads & Related	2,850,000	300,000	0	0	0	0	0	0	0	3,150,000
2026	1,200,000	1,200,000	0	169 Pay As You Go - Capital Reserve	0	474,000	725,250	750	0	0	1,025,000	640,000	20,400,000	23,265,000
2027	1,390,000	1,390,000	0	221 Service Sustainability Investm	0	158,000	241,750	250	0	0	175,000	750,000	0	1,325,000
2028+	20,400,000	20,400,000	0	Total	2,850,000	932,000	967,000	1,000	0	0	1,200,000	1,390,000	20,400,000	27,740,000
Historical Approved Budget														
Related Projects			Operating Budget Impact											
			Effective Date Description Exp/(Rev) FTE Impact											
			Unknown Depending on the final design, there may be increased road and sewer maintenance costs. 0 0											
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date						
2016	January 1, 2021	Growth: 75.0 % Maintenance: 25.0 %	Fahd Mikhael					2028 & Beyond						



Project Version Summary

Project #	ENG-002-16	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Capital Improvements to Little River Municipal Drain (Lauzon Rd. to VIA Tracks)		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	Ward 6, Ward 7, Ward 8		
Version Name	Main (Active)		

Project Description				Version Description											
The Little River municipal drain provides conveyance of storm water for 33% of the City surface area. The section from Lauzon Road to the VIA Rail right-of-way was improved to the current cross-section in 1975. A report exploring options for this section using natural channel design techniques to create a sustainable river corridor was completed in 2012. Proposed design features and plantings would create a more sustainable river corridor and control sediment with off-line pool.				2020: Municipal Class Environmental Assessment, Schedule B - \$100,000 2024: Design & Construction - \$265,000 2025: Construction - \$500,000 The City of Windsor will partner with the Essex Regional Conservation Authority (ERCA) in order to make an application for Provincial Water and Erosion Control Infrastructure (WECI) funds.											
Project Comments/Reference				Version Comments											
7201023															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	100,000	100,000	0	5410 Construction Contracts - TCA											
2021	0	0	0			100,000	0	0	0	265,000	500,000	0	0	0	865,000
2022	0	0	0												
2023	0	0	0												
2024	265,000	265,000	0												
2025	500,000	500,000	0	Revenues											
2026	0	0	0	028 Sewer Surcharge						10,000	75,000	0	0	0	85,000
2027	0	0	0	115 Dev Chg - Roads & Related											
2028+	0	0	0	117 Dev Chg - Storm & Drains											
	865,000	865,000	0			50,000	0	0	0	0	0	0	0	0	50,000
Historical Approved Budget						50,000	0	0	0	255,000	425,000	0	0	0	730,000
						Total	100,000	0	0	0	265,000	500,000	0	0	865,000
Related Projects				Operating Budget Impact											
				Effective Date		Description								Exp/(Rev)	FTE Impact
				Unknown		No Operating Budget Impact								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2016	January 1, 2020	Growth: 100.0 % Maintenance: 0.0 %		Fahd Mikhael				2026							



Project Version Summary

Project #	ENG-002-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Bus Bay Program		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
These funds are used to cost-share in the construction of school bus bays as per a formula approved through CR383/2009. Bus bay needs are prioritized by a committee of the four school boards as well as Transportation Services.				There are currently no funds in this program. The school boards have prioritized the following schools: -Forest Glade P.L.C.											
Project Comments/Reference				Version Comments											
7119001															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	0	0	0		0	0	100,000	100,000	100,000	0	0	100,000	500,000	900,000	
2022	100,000	100,000	0		0	0	100,000	100,000	100,000	0	0	100,000	500,000	900,000	
2023	100,000	100,000	0		0	0	100,000	100,000	100,000	0	0	100,000	500,000	900,000	
2024	100,000	100,000	0		0	0	100,000	100,000	100,000	0	0	100,000	500,000	900,000	
2025	0	0	0		0	0	100,000	100,000	100,000	0	0	100,000	500,000	900,000	
2026	0	0	0		0	0	100,000	100,000	100,000	0	0	100,000	500,000	900,000	
2027	100,000	100,000	0		0	0	100,000	100,000	100,000	0	0	100,000	500,000	900,000	
2028+	500,000	500,000	0		0	0	100,000	100,000	100,000	0	0	100,000	500,000	900,000	
	900,000	900,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects				Effective Date	Description							Exp/(Rev)	FTE Impact		
				Unknown	Depending on the final design, there may be increase road maintenance costs.						0	0			
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2017	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %	Wes Hicks	Ongoing											



Project Version Summary

Project #	ENG-002-19	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type		Division	Infrastructure & Geomatics
Title	Sewer Master Plan Implementation - includes DMAF (Special Intake)		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description				Version Description											
The Sewer Master Plan will be complete at the end of 2019. The resulting Stormwater and Sanitary Master Plans will provide consolidation of the various studies and identify priority lists and actions for future capital works budgets.				2020: Works / Actions identified by Sewer Master Plan - \$10,250,000 2021: Works / Actions identified by Sewer Master Plan - \$11,000,000 2022: Works / Actions identified by Sewer Master Plan - \$11,000,000 2023: Works / Actions identified by Sewer Master Plan - \$11,000,000 2024: Works / Actions identified by Sewer Master Plan - \$11,500,000 2025: Works / Actions identified by Sewer Master Plan - \$11,500,000 2026: Works / Actions identified by Sewer Master Plan - \$11,000,000 2027: Works / Actions identified by Sewer Master Plan - \$10,427,500 2028+: Works / Actions identified by Sewer Master Plan - \$2,000,000,000											
Project Comments/Reference				Version Comments											
7199004				Note: As per CR386/2019, C 145/2019, a placeholder in the amount of \$5m each year from 2020 to 2030 is effective and becomes pre-committed in 2020 through to 2023 once the DMAF (Special Intake) grant application is awarded.											
Project Forecast				Project Detailed Forecast											
		Revenue													
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
2020	10,250,000	10,250,000	0	Expenses											
2021	11,000,000	11,000,000	0	2915 Consulting Services - External											
2022	11,000,000	11,000,000	0		10,250,000	11,000,000	11,000,000	11,000,000	11,500,000	11,500,000	11,000,000	10,427,500	2,000,000,00	2,087,677,50	
2023	11,000,000	11,000,000	0										0	0	
2024	11,500,000	11,500,000	0	Total	10,250,000	11,000,000	11,000,000	11,000,000	11,500,000	11,500,000	11,000,000	10,427,500	2,000,000,00	2,087,677,50	
2025	11,500,000	11,500,000	0										0	0	
2026	11,000,000	11,000,000	0	Revenues											
2027	10,427,500	10,427,500	0	028 Sewer Surcharge											
2028+	2,000,000,000	2,000,000,000	0		10,250,000	11,000,000	11,000,000	11,000,000	11,500,000	11,500,000	11,000,000	10,427,500	2,000,000,00	2,087,677,50	
	2,087,677,500	2,087,677,500	0	Total	10,250,000	11,000,000	11,000,000	11,000,000	11,500,000	11,500,000	11,000,000	10,427,500	2,000,000,00	2,087,677,50	
													0	0	
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2019	4,812,249	4,812,249	0												
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2019	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Anna Godo	2028 & Beyond											



Project Version Summary

Project #	ENG-003-13	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Sixth Concession Municipal Drain - Land Acquisition & Capital Improvements		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description				Version Description											
Sixth Concession Drain provides the storm water outlet to over 900 hectares of land within the City of Windsor via approx. 4.5 km of open channel plus 1.4 km of piped drain/sewer. Condition of Baseline Road and the municipal drain along it have deteriorated and require emergency repairs and remediation in order to maintain service.				2020: Priority 3 - Along rear yards, east of 8th Concession - \$500,000 2021: Priority 4 - Along Baseline Rd, from east of 8th Concession to 9th Concession - \$200,000 2022: Priority 4 (cont'd) and Priority 5 - Along rear yards, between 7th Concession and 8th Concession - \$535,000 2023: Priority 5 (cont'd) - \$485,000											
Project Comments/Reference				Version Comments											
7131002															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	500,000	500,000	0	5410	Construction Contracts - TCA										
2021	200,000	200,000	0		500,000	200,000	535,000	485,000	0	0	0	0	0	1,720,000	
2022	535,000	535,000	0		<hr/>										
2023	485,000	485,000	0		Total	500,000	200,000	535,000	485,000	0	0	0	0	1,720,000	
2024	0	0	0	Revenues											
2025	0	0	0	028	Sewer Surcharge										
2026	0	0	0		500,000	200,000	535,000	485,000	0	0	0	0	0	1,720,000	
2027	0	0	0		<hr/>										
2028+	0	0	0		Total	500,000	200,000	535,000	485,000	0	0	0	0	1,720,000	
	1,720,000	1,720,000	0												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2013	375,000	375,000	0												
2015	400,000	400,000	0												
2018	150,000	150,000	0												
2019	200,000	200,000	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	Depending on the final design, there may be decreased drain maintenance costs.								0	0	
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2013	January 1, 2013	Growth: 50.0 % Maintenance: 50.0 %		Anna Godo / Adam Mourad					2024						



Project Version Summary

Project #	ENG-003-19	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Sandwich South Lands - Engineering Studies		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description				Version Description											
Several engineering studies are required prior to the development of the Sandwich South Employment Lands, including CR42 and E Pelton Secondary Planning Areas. Little River Watershed Flood Hazard Mapping is a mandate of the Provincial Policy Statement (PPS). Master Servicing Studies will provide details for extension of municipal services. Municipal Class EA's are required for upgrades to the existing Class II Collector and Class II Arterial roads.				2020: \$1,300,000 - Little River Watershed Flood Hazard Mapping / Master Servicing Study for Sandwich South Lands 2028+: \$200,000 - 7th Concession Road Environmental Assessment \$200,000 - 8th Concession Road Environmental Assessment \$200,000 - 9th Concession Road Environmental Assessment \$200,000 - Baseline Road Environmental Assessment \$200,000 - County Road 17 Environmental Assessment											
Project Comments/Reference				Version Comments											
7192000				PRE-COMMITMENT: As per CR39/2019, Report # C 8/2019, Council approved a pre-commitment of \$1,000,000 in 2019 and \$1,300,000 in 2020 for Master Servicing Study and Little River Water Shed Flood Hazard Mapping Study.											
Project Forecast				Project Detailed Forecast											
		Revenue													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
2020	1,300,000	1,300,000	0	Expenses											
2021	0	0	0	2915 Consulting Services - External											
2022	0	0	0		1,300,000	0	0	0	0	0	0	0	1,000,000	2,300,000	
2023	0	0	0	Total	1,300,000	0	0	0	0	0	0	0	1,000,000	2,300,000	
2024	0	0	0	Revenues											
2025	0	0	0	028 Sewer Surcharge	0	0	0	0	0	0	0	0	100,000	100,000	
2026	0	0	0	115 Dev Chg - Roads & Related	400,000	0	0	0	0	0	0	0	400,000	800,000	
2027	0	0	0	116 Dev Chg - Sanitary/Pollution	450,000	0	0	0	0	0	0	0	250,000	700,000	
2028+	1,000,000	1,000,000	0	117 Dev Chg - Storm & Drains	450,000	0	0	0	0	0	0	0	250,000	700,000	
	2,300,000	2,300,000	0	169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	
				Total	1,300,000	0	0	0	0	0	0	0	1,000,000	2,300,000	
Historical Approved Budget				Operating Budget Impact											
		Revenue													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2019	1,000,000	1,000,000	0												
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2019	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %	Anna Godo	2028 & Beyond											



Project Version Summary

Project #	ENG-005-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type		Division	Infrastructure & Geomatics
Title	Central Box EA Road and Infrastructure Improvements		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 9, Ward 10		
Version Name	Main (Active)		

<p>Project Description</p> <p>The Central Box EA proposes road and infrastructure improvements to an area bounded by Eugenie St. to the north, Howard Ave. to the east, West Grand / South Cameron to the south, and Dominion Blvd. to the west.</p> <p>This project merges the following programs into one: ENG-005-17 - Central Box EA Road and Infrastructure Improvements ENG-024-17 - Northwood / Dominion Intersection Improvements</p>	<p>Version Description</p> <p>2020: Stormwater Study, Dominion - Northwood to Totten - \$300,000 Land Acquisition / Utility Relocation, Dougall - Eugenie to Ouellette - \$200,000 2021: Design for Expanded Reconstruction, Dominion - Northwood to Totten - \$2,900,000 2022: Construction, Dougall - Eugenie to Ouellette - \$2,100,000 2023: Construction, Dougall - Eugenie to Ouellette - \$3,560,000 2024: Engineering / Land Acquisition / Utility Relocation, Dominion - Northwood to Totten - \$5,100,000 2025: Engineering / Land Acquisition / Utility Relocation, Dominion - Northwood to Totten - \$300,000 2026: Engineering / Land Acquisition / Utility Relocation, Dominion - Northwood to Totten - \$2,500,000 2028+: Phased Engineering / Utility Relocation / Construction - \$73,000,000</p>
<p>Project Comments/Reference</p> <p>As part of the Central Box EA, works related to both the Dougall Avenue-Ouellette Place intersection, along with a new East-West Connection, be made a priority. The works related to the Dougall Avenue-Ouellette Place intersection have been identified as part of the 2019, 7-year Capital Plan. Other works identified in the EA were not prioritized and remain in the 2026+ timeframe at this time.</p> <p>7161061</p>	<p>Version Comments</p> <p>Note that there are timing differences between when funds are required and when funds are available, which will result in the project incurring financing charges.</p> <p>PRE-COMMITMENTS: CR172/2019 commits the following, for the Dougall Ave. / CN Rail Pedestrian Underpass project: a) 2021 \$1,450,000 F169 b) 2022 \$400,000 F176 c) 2023 \$400,000 F176 d) 2023 \$3,160,000 F169 e) 2023 \$1,502,000 F169 NOTE: Should the City receive the one-time Federal Gas Tax funding the 2023 F169 funding is rescinded and the funds reallocated as defined and approved in Council Report C53/2019 and the \$1,502,000 will be funded in 2019 from F176. C53/2019 was approved via B30/2019. Therefore the \$1.502M commitment has been rescinded.</p> <p>CR201/2017, Report # C 49/2017 approved a pre-commitment of \$150,000 in 2021 (Engineering, Dominion / Northwood Intersection, in progress) CR303/2019, Report # C 122/2019 approved a pre-commitment of \$300,000 in 2021 from F169, \$1,000,000 in 2021 from F176, \$1,000,000 in 2022 from F176 (Construction, Dominion / Northwood Intersection, in progress)</p> <p>Additional one time FGT funding was allocated to this project as per B30/2019, council report C 53/2019 Table 1. Available/ freed-up F169 PAYG funding from this one time FGT is reallocated to project recommendation as per Table 2 of the report.</p> <p>CR234/2019 pre-commits \$220,000 in 2019, \$500,000 in 2020 and \$700,000 in 2022, already pre-committed for Dougall Bike lanes & Sidewalks pending ICIP-Active Transportation grant approval.</p> <p>Of note, B8/2019 has resulted in some or all of the original PAYG funding to be identified as Service Sustainability F221 funding.</p>

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses										
2020	500,000	500,000	0	2915	Consulting Services - External	0	0	0	0	0	0	0	0	0
2021	2,900,000	2,900,000	0	5210	Land Acquisition	500,000	0	0	0	0	0	0	0	500,000
2022	2,100,000	2,100,000	0	5410	Construction Contracts - TCA	0	2,900,000	2,100,000	3,560,000	5,100,000	300,000	2,500,000	0	73,000,000
2023	3,560,000	3,560,000	0											89,460,000
2024	5,100,000	5,100,000	0	Revenues										
2025	300,000	300,000	0	169	Pay As You Go - Capital Reserve	375,000	1,425,000	525,000	2,370,000	3,825,000	225,000	1,875,000	0	73,000,000
2026	2,500,000	2,500,000	0	176	Federal Gas Tax Rebate	0	1,000,000	1,400,000	400,000	0	0	0	0	2,800,000
2027	0	0	0	221	Service Sustainability Investm	125,000	475,000	175,000	790,000	1,275,000	75,000	625,000	0	3,540,000
2028+	73,000,000	73,000,000	0	Total										
	89,960,000	89,960,000	0			500,000	2,900,000	2,100,000	3,560,000	5,100,000	300,000	2,500,000	0	73,000,000
Historical Approved Budget														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>											
2019	1,722,000	1,722,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description							Exp/(Rev)	FTE Impact	
				Unknown	Depending on the final design, there may be increased road and bicycle facility maintenance costs.						0	0		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2017	January 1, 2019	Growth: 75.0 % Maintenance: 25.0 %	Sergio Colucci / June Liu-Vajko	2028 & Beyond										



Project Version Summary

Project #	ENG-005-19	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Enhanced Flooding Mitigation Program - DMAF		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	Ward 6		
Version Name	Main (Active)		

<p>Project Description</p> <p>A series of major sewer-related projects, estimated to cost in excess of \$89.0 million, has been identified through work related to the ongoing Sewer Master Plan which can help reduce the likelihood of flooding. The Federal government, through the Disaster Mitigation and Adaptation Fund, is anticipated to fund \$32.1 million of the work, or 40% of the eligible costs.</p>	<p>Version Description</p>
<p>Project Comments/Reference</p> <p>7171005, 7171009, 7181007, 7191025, 7191035, 7191034</p>	<p>Version Comments</p> <p>PRE-COMMITMENT: As Per CR380/2018, Report # C 119/2018, Council approved a pre-commitment plan under the Disaster Mitigation Adaptation Fund (DMAF). A placeholder of \$6.55m/yr. from 2024 - 2028 has been approved for funding and pre-committed for immediate use once the funding year falls within 5 years.</p> <p>Additional pre-commitments resulting from this resolution are as follows: - Riverside Vista, Phase 2A: \$100k (2019), \$376k (2020), \$1.0M (2022), \$3.35M (2023), \$3.715M (2024) - Matthew Brady - Edgar / Tranby: \$2.46M (2019) - Belle Isle View - Wyandotte / St. Rose: \$1.5M (2019) - Belle Isle View - St. Rose / Edgar: \$2.8M (2020) - Eastlawn - Wyandotte E / Edgar: \$170k (2019), \$2.62M (2021) - Matthew Brady - Wyandotte E / St. Rose: \$100k (2020), \$1.75M (2022) - General City-Wide Sewer Rehabilitation Projects: \$2.0M (2023)</p> <p>As part of this Capital Budget submission, Administration is requesting Council approval to transfer funding between each of DMAF-funded project ids within Peoplesoft, subject to approval of the DMAF Executive Committee.</p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	6,956,181	3,276,000	3,680,181	5410	Construction Contracts - TCA										
2021	7,663,551	2,620,000	5,043,551		6,956,181	7,663,551	8,670,440	9,055,038	15,557,094	13,174,958	9,824,443	6,660,923	7,065,046	84,627,674	
2022	8,670,440	2,750,000	5,920,440		<hr/>										
2023	9,055,038	5,350,000	3,705,038		Total	6,956,181	7,663,551	8,670,440	9,055,038	15,557,094	13,174,958	9,824,443	6,660,923	7,065,046	84,627,674
2024	15,557,094	10,265,000	5,292,094	Revenues											
2025	13,174,958	6,550,000	6,624,958	028	Sewer Surcharge										
2026	9,824,443	6,550,000	3,274,443		2,976,000	2,620,000	1,750,000	2,000,000	6,550,000	6,550,000	6,550,000	6,550,000	6,550,000	42,096,000	
2027	6,660,923	6,550,000	110,923	115	Dev Chg - Roads & Related										
2028+	7,065,046	6,550,000	515,046		300,000	0	0	0	0	0	0	0	0	300,000	
84,627,674				50,461,000				34,166,674							
Historical Approved Budget															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2019	4,566,886	4,230,000	336,886												
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2019	January 1, 2017	Growth: 5.5 % Maintenance: 94.5 %	Various	2028											



Project Version Summary

Project #	ENG-006-20	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type		Division	Infrastructure & Geomatics
Title	Local Improvement Program		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description

This project will merge the following five programs, which used to be separate projects in the Capital Budget, into one project:

- Local Improvement Program - Infrastructure - This is a general program related to roads, alleys, sidewalks, streetlighting and sewers.
- Local Improvement Program - Sanitary Sewer - This program provides funds for locations lacking sanitary sewers.
- Local Improvement Program - Road Rehabilitation - Relates to roads having a rural cross-section that are in need of pavement rehabilitation and that do not require sewer rehabilitation.
- Local Improvement Program - Streetlighting - Relates to streets that currently do not have streetlights or are requesting upgrades.
- Local Improvement Program - Sidewalks - Relates to local roads which do not currently have sidewalks.

Version Description

This project consolidates the following previously approved projects into one program:

- 1) ECP-007-07 - Local Improvement Program - Infrastructure
- 2) ECP-017-07 - Local Improvement Program - Sanitary Sewer
- 3) ECP-005-10 - Local Improvement Program - Road Rehabilitation
- 4) EIT-001-11 - Local Improvement Program - Streetlighting
- 5) ENG-002-12 - Local Improvement Program - Sidewalks

Project Comments/Reference

7171002, 7111012, 7159000, 7191008, 7161015

Version Comments

Project Forecast

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2020	1,944,800	1,594,800	350,000
2021	3,850,000	3,569,280	280,720
2022	1,400,000	1,250,000	150,000
2023	0	0	0
2024	2,200,000	1,919,280	280,720
2025	1,050,000	919,280	130,720
2026	1,850,000	1,600,000	250,000
2027	1,250,000	1,000,000	250,000
2028+	0	0	0
	13,544,800	11,852,640	1,692,160

Project Detailed Forecast

GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses										
5410 Construction Contracts - TCA	1,944,800	3,850,000	1,400,000	0	2,200,000	1,050,000	1,850,000	1,250,000	0	13,544,800
Total	1,944,800	3,850,000	1,400,000	0	2,200,000	1,050,000	1,850,000	1,250,000	0	13,544,800
Revenues										
028 Sewer Surcharge	273,700	2,395,562	1,000,000	0	1,895,562	545,562	500,000	500,000	0	7,110,386
153 Sewer Surcharge	75,000	0	0	0	0	0	0	0	0	75,000
160 Capital Expenditure Reserve	0	0	0	0	0	50,000	0	0	0	50,000
169 Pay As You Go - Capital Reserve	1,246,100	1,173,718	250,000	0	23,718	323,718	450,000	0	0	3,467,254
221 Service Sustainability Investm	0	0	0	0	0	0	650,000	500,000	0	1,150,000
6735 Recovery Of Expenses EXTERNAL	350,000	280,720	150,000	0	280,720	130,720	250,000	250,000	0	1,692,160
Total	1,944,800	3,850,000	1,400,000	0	2,200,000	1,050,000	1,850,000	1,250,000	0	13,544,800

Historical Approved Budget

Related Projects		Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2020	January 1, 2020	Growth: 100.0 % Maintenance: 0.0 %	TBD	Ongoing



Project Version Summary

Project #	ENG-007-20	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type		Division	Infrastructure & Geomatics
Title	Streetlights on Ottawa Street - Pierre to Howard		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards			
Version Name	Main (Active)		

Project Description				Version Description											
To replace the existing decorative street light poles on Ottawa Street from Pierre Avenue to Howard Avenue due to age.				2020: Engineering - \$150,000 2021: Construction - \$500,000 2022: Construction - \$500,000											
Project Comments/Reference				Version Comments											
7203003															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	50,965	50,965	0	2915	Consulting Services - External										
2021	160,990	160,990	0		0	0	0	0	0	0	0	0	0	0	
2022	338,703	338,703	0	5410	Construction Contracts - TCA										
2023	462,753	462,753	0		50,965	160,990	338,703	462,753	136,589	0	0	0	0	1,150,000	
2024	136,589	136,589	0		Total	50,965	160,990	338,703	462,753	136,589	0	0	0	1,150,000	
2025	0	0	0	Revenues											
2026	0	0	0	221	Service Sustainability Investm										
2027	0	0	0		50,965	160,990	338,703	462,753	136,589	0	0	0	0	1,150,000	
2028+	0	0	0		Total	50,965	160,990	338,703	462,753	136,589	0	0	0	1,150,000	
	1,150,000	1,150,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2020	January 1, 2020	Growth: 0.0 % Maintenance: 100.0 %	Tiffany Pocock	2022											



Project Version Summary

Project #	ENG-008-20	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type		Division	Infrastructure & Geomatics
Title	E.C. Row Expressway and Ramps - Street Lighting Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards			
Version Name	Main (Active)		

Project Description				Version Description											
This program is required to replace wiring, inspect and repair pole bases, rehabilitate control boxes and replace poles as required due to the age of the existing street lighting infrastructure.				2020-2028+: To replace aged street lighting infrastructure along the EC Row corridor and ramps.											
Project Comments/Reference				Version Comments											
7209010															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	84,942	84,942	0	5410	Construction Contracts - TCA										
2021	160,990	160,990	0		84,942	160,990	169,353	231,375	743,615	859,725	0	0	3,750,000	6,000,000	
2022	169,353	169,353	0		<hr/>										
2023	231,375	231,375	0		Total	84,942	160,990	169,353	231,375	743,615	859,725	0	0	3,750,000	6,000,000
2024	743,615	743,615	0	Revenues											
2025	859,725	859,725	0	221	Service Sustainability Investm										
2026	0	0	0		84,942	160,990	169,353	231,375	743,615	859,725	0	0	3,750,000	6,000,000	
2027	0	0	0		<hr/>										
2028+	3,750,000	3,750,000	0		Total	84,942	160,990	169,353	231,375	743,615	859,725	0	0	3,750,000	6,000,000
	6,000,000	6,000,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2020	January 1, 2020	Growth: 0.0 % Maintenance: 100.0 %	Tiffany Pocock	Ongoing											



Project Version Summary

Project #	ENG-009-16	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	North Talbot Rd. Environmental Assessment/Southwood Lakes Entrance Reconstruction		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description				Version Description											
In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration.				2020: North Talbot Environmental Assessment and Engineering - \$200,000 Southwood Lakes East Entrance (Lake Trail Drive just off of Howard Ave.) Reconstruction - \$400,000 Land acquisition requirements to be determined once design is complete.											
Project Comments/Reference				Version Comments											
7161049				PRE-COMMITMENT: CR562/2016, Report C 141/2016 approved a pre-commitment of \$600,000 in 2020.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	600,000	600,000	0	5410	Construction Contracts - TCA										
2021	0	0	0		600,000	0	0	0	0	0	0	0	0	0	600,000
2022	0	0	0		Total	600,000	0	0	0	0	0	0	0	0	600,000
2023	0	0	0	Revenues											
2024	0	0	0	169	Pay As You Go - Capital Reserve										
2025	0	0	0		200,000	0	0	0	0	0	0	0	0	0	200,000
2026	0	0	0	221	Service Sustainability Investm										
2027	0	0	0		400,000	0	0	0	0	0	0	0	0	0	400,000
2028+	0	0	0		Total	600,000	0	0	0	0	0	0	0	0	600,000
	600,000	600,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	Depending on the final design, there may be decreased road maintenance costs.							0	0		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2016	January 1, 2016	Growth: 33.3 % Maintenance: 66.7 %	Fahd Mikhael / Phong Nguy	2020											



Project Version Summary

Project #	ENG-009-20	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type		Division	Infrastructure & Geomatics
Title	Riverside Drive Guardrail		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description				Version Description											
Replacement of existing guardrail along the north side of Riverside Drive, from Goyeau to McDougall.				2020: Engineering and Construction - Goyeau to McDougall - \$150,000											
Project Comments/Reference				Version Comments											
7201024															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	150,000	150,000	0	5410 Construction Contracts - TCA											
2021	0	0	0			150,000	0	0	0	0	0	0	0	0	150,000
2022	0	0	0	Total		150,000	0	0	0	0	0	0	0	0	150,000
2023	0	0	0	Revenues											
2024	0	0	0	221 Service Sustainability Investm											
2025	0	0	0			150,000	0	0	0	0	0	0	0	0	150,000
2026	0	0	0	Total		150,000	0	0	0	0	0	0	0	0	150,000
2027	0	0	0												
2028+	0	0	0												
	150,000	150,000	0												
Historical Approved Budget				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead			Est. Completion Date									
2020	January 1, 2020	Growth: 0.0 % Maintenance: 100.0 %	TBD			2020									



Project Version Summary

Project #	ENG-010-20	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type		Division	Infrastructure & Geomatics
Title	Replacement of Aging EIS - Internal Mapping Application		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description												
The existing EIS (Executive Information System) is over 9 years old and the software company, Autodesk, no longer supports the platform it is built on. The recommendation is to move to the Geocortex platform, which is already being used for the external mapping applications on the MappMyCity.ca located on the City website. License of Geocortex Essentials and ArcGIS Enterprise Standard are required along with a Virtual server from IT (the existing server to be retired) to run the internal application dependently of the external mapping applications. Both Latitude Graphics (Geocortex) and/or ESRI (ArcGIS) are required to provide some consultation for setting up the software and also provide training to staff to create various query and reporting functions.																
Project Comments/Reference				Version Comments												
7201011																
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total		
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2020	100,000	100,000	0	2915 Consulting Services - External												
2021	0	0	0		40,000	0	0	0	0	0	0	0	0	40,000		
2022	0	0	0	5126 Computer Software												
2023	0	0	0		60,000	0	0	0	0	0	0	0	0	60,000		
2024	0	0	0	Total	100,000	0	0	0	0	0	0	0	0	100,000		
2025	0	0	0	Revenues												
2026	0	0	0	221 Service Sustainability Investm												
2027	0	0	0		100,000	0	0	0	0	0	0	0	0	100,000		
2028+	0	0	0	Total	100,000	0	0	0	0	0	0	0	0	100,000		
	100,000	100,000	0													
Historical Approved Budget				Operating Budget Impact												
				Effective Date	Description									Exp/(Rev)	FTE Impact	
				2020-01-01	Ongoing software charges are anticipated to increase, due to the migration of the EIS from Autodesk to Geocortex. The department will monitor and attempt to absorb these additional costs within the existing budget, however, an operating budget increase may be necessary in the future.									0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date												
2020	January 1, 2020	Growth: 0.0 % Maintenance: 100.0 %	Kirk Tamm	2020												



Project Version Summary

Project #	ENG-012-20	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type		Division	Infrastructure & Geomatics
Title	Capital Improvements to East Riverside Flood Protection Dikes		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description				Version Description											
East Riverside Flood Protection Dikes were constructed along Riverside Drive from St. Rose Beach to the City boundary with the Town of Tecumseh in the 1980's. The dike system was intended to provide vital flood protection for areas potentially affected inland as far as the Via Rail corridor. The issue of flooding has increasingly become a major concern with the recent return of record high water levels on Lake St Clair. Through an FCM MCIP grant, an inventory of the existing 6km dike system and review of the existing storm sewer system identified deficiencies where the system is vulnerable to overtopping and bypassing. The East Riverside Flood Risk Assessment was completed in 2019. The infrastructure requires improvements in order to address the vulnerabilities to mitigate the risk of overland flooding.				2020: Priority 1 - Backflow prevention measures where the storm sewer system crosses under the diking system \$1.3M 2023-2024: Priority 2 - Phased dike improvements for area west of Little River \$8.7M 2025-2027: Priority 3 - Phased dike improvements for area east of Little River \$8.7M											
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA		0	0	0	0	0	0	0	0	18,700,000	18,700,000
2021	0	0	0	Total		0	0	0	0	0	0	0	0	18,700,000	18,700,000
2022	0	0	0	Revenues											
2023	0	0	0	028 Sewer Surcharge		0	0	0	0	0	0	0	0	18,700,000	18,700,000
2024	0	0	0	Total		0	0	0	0	0	0	0	0	18,700,000	18,700,000
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	18,700,000	18,700,000	0												
	18,700,000	18,700,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2020	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Anna Godo					2028+						



Project Version Summary

Project #	ENG-013-20	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Sandwich St. Sewer Rehabilitation		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	Ward 2		
Version Name	Main (Active)		

Project Description				Version Description											
As part of the Gordie Howe International Bridge Project, \$12 million will be invested by the Federal government into road improvements to Sandwich Street as part of a Community Benefits Plan.															
Additionally, \$13.8 million in sewer upgrades on Sandwich Street between Ojibway Parkway and Rosedale Ave. (Approx. 3 km) are required before WDBA/BNA completes the work identified above. This will allow the City to maximize the benefits of this funding and may allow for cost efficiencies.															
Project Comments/Reference				Version Comments											
7209009															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	1,255,000	1,255,000	0	5410	Construction Contracts - TCA										
2021	2,710,800	2,710,800	0		1,255,000	2,710,800	0	0	1,713,750	3,084,000	0	0	5,036,450	13,800,000	
2022	0	0	0		<hr/>										
2023	0	0	0		Total	1,255,000	2,710,800	0	0	1,713,750	3,084,000	0	0	5,036,450	13,800,000
2024	1,713,750	1,713,750	0	Revenues											
2025	3,084,000	3,084,000	0	028	Sewer Surcharge										
2026	0	0	0		1,255,000	1,085,800	0	0	1,413,750	0	0	0	5,036,450	8,791,000	
2027	0	0	0	221	Service Sustainability Investm										
2028+	5,036,450	5,036,450	0		0	1,625,000	0	0	300,000	3,084,000	0	0	0	5,009,000	
	13,800,000	13,800,000	0		Total	1,255,000	2,710,800	0	0	1,713,750	3,084,000	0	0	5,036,450	13,800,000
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date							
2020		Growth: 0.0 % Maintenance: 100.0 %	Joe Dattilo					TBD							



Project Version Summary

Project # ENG-023-17 **Service Area** Office of the City Engineer
Budget Year 2020 **Department** Engineering
Asset Type Unassigned **Division** Infrastructure & Geomatics

Title Connaught Street Reconstruction
Budget Status Council Approved Budget
Major Category Sewers Infrastructure
Wards Ward 2
Version Name Main (Active)

Project Description		As per the approved 2017 enhanced Capital Budget 5-year plan.		Version Description		Complete sewer and road rehabilitation from Prince Road to Felix Avenue.								
Project Comments/Reference		7171064		Version Comments		PRE-COMMITMENT: CR201/2017, Report # C 49/2017 approved a pre-commitment of \$715,000 in 2021.								
Project Forecast		Revenue		Project Detailed Forecast										
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>
2020	0	0	0	Expenses										
2021	715,000	715,000	0	5410 Construction Contracts - TCA										
2022	0	0	0		0	715,000	0	0	0	0	0	0	0	715,000
2023	0	0	0	Total	0	715,000	0	0	0	0	0	0	0	715,000
2024	0	0	0	Revenues										
2025	0	0	0	221 Service Sustainability Investm										
2026	0	0	0		0	715,000	0	0	0	0	0	0	0	715,000
2027	0	0	0	Total	0	715,000	0	0	0	0	0	0	0	715,000
2028+	0	0	0											
	715,000	715,000	0											
Historical Approved Budget				Operating Budget Impact										
Related Projects														
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2017	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %	Adam Mourad	2018										



Project Version Summary

Project #	ENG-026-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Sandwich Street - Roundabout and Archeological Study		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 2		
Version Name	Main (Active)		

Project Description				Version Description										
Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan.				Roundabout at University Ave. and Riverside Dr. including engineering and land acquisition as well as an archeological study.										
Project Comments/Reference				Version Comments										
7171001				PRE-COMMITMENT: CR76/2017, Report C36/2017 approved a pre-commitment of \$850,000 to the 2017 Enhanced Capital Budget (B56/2017) in 2021. As per CR675/2018, Report # C 214/2018, Council approved a pre-commitment of \$500,000 in 2019 and \$300,000 in 2021.										
Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses										
2020	0	0	0	5410	Construction Contracts - TCA									
2021	1,150,000	1,150,000	0		0	1,150,000	0	0	0	0	0	0	0	1,150,000
2022	0	0	0	Total	0	1,150,000	0	0	0	0	0	0	0	1,150,000
2023	0	0	0	Revenues										
2024	0	0	0	169	Pay As You Go - Capital Reserve									
2025	0	0	0		0	1,150,000	0	0	0	0	0	0	0	1,150,000
2026	0	0	0	Total	0	1,150,000	0	0	0	0	0	0	0	1,150,000
2027	0	0	0											
2028+	0	0	0											
	1,150,000	1,150,000	0											
Historical Approved Budget				Operating Budget Impact										
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>											
2019	500,000	500,000	0											
Related Projects														
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2017	January 23, 2017	Growth: 0.0 % Maintenance: 0.0 %	Tiffany Pocock	2019										



Project Version Summary

Project #	ENG-031-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Norman Road - Engineering - Tecumseh to Adstoll		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	Ward 8		
Version Name	Main (Active)		

Project Description				Version Description											
As per the approved 2017 enhanced Capital Budget 5-year plan.				Sewer Rehabilitation											
Project Comments/Reference				Version Comments											
7171078				PRE-COMMITMENT: CR201/2017, Report # C 49/2017 approved a pre-commitment of \$100,000 in 2021.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	100,000	100,000	0		0	100,000	0	0	0	0	0	0	0	100,000	
2022	0	0	0	Total	0	100,000	0	0	0	0	0	0	0	100,000	
2023	0	0	0	Revenues											
2024	0	0	0	221 Service Sustainability Investm											
2025	0	0	0		0	100,000	0	0	0	0	0	0	0	100,000	
2026	0	0	0	Total	0	100,000	0	0	0	0	0	0	0	100,000	
2027	0	0	0												
2028+	0	0	0												
	100,000	100,000	0												
Historical Approved Budget				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date							
2017	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %	Janelle Coombs					2019							



Project Version Summary

Project #	OPS-012-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Infrastructure & Geomatics
Title	Streetlights on South National		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 8		
Version Name	Main (Active)		

Project Description				Version Description											
As per the approved 2017 enhanced Capital Budget 5-year plan, as per CR201/2017, report C 49/2017.															
Project will see street lights installed on South National, from Jefferson to Pillette in order to provide adequate lighting for the recently constructed multi-use facility.															
Project Comments/Reference				Version Comments											
7171079				PRE-COMMITMENT: CR201/2017, Report # C 49/2017 approved a pre-commitment of \$105,000 in 2021.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	105,000	105,000	0		0	105,000	0	0	0	0	0	0	0	105,000	
2022	0	0	0	Total	0	105,000	0	0	0	0	0	0	0	105,000	
2023	0	0	0	Revenues											
2024	0	0	0	169 Pay As You Go - Capital Reserve											
2025	0	0	0		0	105,000	0	0	0	0	0	0	0	105,000	
2026	0	0	0	Total	0	105,000	0	0	0	0	0	0	0	105,000	
2027	0	0	0												
2028+	0	0	0												
105,000		105,000		0											
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2017	January 23, 2017	Growth: 0.0 % Maintenance: 0.0 %	Tiffany Pocock	2018											



Project Version Summary

Project #	ENG-001-19	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Pollution Control
Title	Bio-Solids / Source Organics Disposal Study		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
A study to review and determine the long term strategies for corporate and possible regional handling and beneficial reuse of biosolids and source separated organics.															
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2020	0	0	0												
2021	0	0	0												
2022	0	0	0												
2023	0	0	0												
2024	0	0	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	500,000	500,000	0												
	500,000	500,000	0												
Historical Approved Budget															
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2019	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Mark Winterton	December 2020											



Project Version Summary

Project #	ENV-001-08	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Pollution Control
Title	Lou Romano Water Reclamation Plant		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The project was established for repairs to the particular facility and other LRWRP capital related costs. It is funded from the dedicated Pollution Control Reserve, Fund 208.

The account represents funding for various works including placeholders for planned and unplanned repairs on a year-by-year basis. The work anticipated and completed varies annually dependent on manpower, project scope and can span several years.

Due to the large amount of mechanical, electrical and structural infrastructure in the facility, annual funding from the Sewer Surcharge was put in place in order to address the depreciation of this infrastructure and provide for ongoing replacement, rehabilitation and repair. This ensures the reliability and integrity of the infrastructure in order to properly maintain the operation due to its critical nature.

The facility has redundancy designed and built-in so that when equipment requires repair it can be taken out of service and still maintain the overall facility capacity. However, the repair must be completed in a timely manner in order for it to be brought back into service to ensure the reliability and integrity of the overall operation. Significant portions of the equipment are at what is considered to be its normal life span (15 to 40 years), dependent on the type of equipment. As a result, it is scheduled to be replaced as preventative maintenance prior to failure.

Project Comments/Reference

See Document Attached.
 Open: 7141035/7152002/7161007/7169002/7172001-7172006/7189004-7189008/
 7191027/ 7191028/ 7191029/7202000/ 7202001/ 7203000
 Closed: 7091009/7141036/7141037/7141038/7161006

Version Description

2020 Capital Works: \$2,350,000
 \$200,000 - SCADA Equipment: Long term change over of PLC communications as existing is becoming obsolete. An extended program to replace the Genius communications bus to Profinet Ethernet standard.
 \$50,000 - BAF Valve Repair / Replacement: Ongoing project to replace valves that are beyond end of life.
 \$400,000 - BAF Cell Refurbishment: Air piping has excessive leaks impacting operation of the process within the cell. There are 16 cells each requiring cell media removal and piping repairs.
 \$50,000 - UV Module Replacement: Modules require annual rebuilding and replacement units provide increased reliability and flexibility of system
 \$500,000 - PEP Refurbishment: Refurbish PEP screw pumps 2 and 3.
 \$300,000 - Biorem Rehabilitation: Replacement of subfloor and media.
 \$100,000 - Alum Dosing Repiping: Install 3rd alum pump and relocate alum injection point to increase dosing options and maintain uniform mixing.
 \$400,000 - Parking Lot Rehabilitation: Patch and repave parking lot around Admin Building and employee parking lot.
 \$50,000 - Dewatering Hopper Unloaders: Rebuilding and installing of dewatering hopper unloaders, the last of which was rebuilt in 2012.
 \$300,000 - Miscellaneous: To address the equipment repair and replacement which occurs due to unanticipated equipment failure. This is a placeholder due to the varying nature of this work.

Version Comments

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	2,350,000	2,350,000	0	5410	Construction Contracts - TCA										
2021	3,230,000	3,230,000	0		2,350,000	3,230,000	1,300,000	1,983,333	1,500,000	1,500,000	1,733,333	600,000	12,116,334	26,313,000	
2022	1,300,000	1,300,000	0		Total										26,313,000
2023	1,983,333	1,983,333	0	Revenues											
2024	1,500,000	1,500,000	0	208	Pollution Control Reserve										
2025	1,500,000	1,500,000	0		2,350,000	3,230,000	1,300,000	1,983,333	1,500,000	1,500,000	1,733,333	600,000	12,116,334	26,313,000	
2026	1,733,333	1,733,333	0		Total										26,313,000
2027	600,000	600,000	0		2,350,000	3,230,000	1,300,000	1,983,333	1,500,000	1,500,000	1,733,333	600,000	12,116,334	26,313,000	
2028+	12,116,334	12,116,334	0												
	26,313,000	26,313,000	0												
Historical Approved Budget															
Year	Total Expense	Net City Cost	Subsidies												
2008	250,000	250,000	0												
2009	100,000	100,000	0												
2010	100,000	100,000	0												
2011	1,600,000	1,600,000	0												
2012	1,000,000	1,000,000	0												
2013	1,550,000	1,550,000	0												
2014	2,200,000	2,200,000	0												
2015	650,000	650,000	0												
2016	2,250,000	2,250,000	0												
2017	2,105,000	2,105,000	0												
2018	2,605,000	2,605,000	0												
2019	4,840,000	4,840,000	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description							Exp/(Rev)	FTE Impact		
				Unknown	These works are all related to replacement and refurbishment of existing equipment and are expected to result in decreased maintenance costs.						0	0			
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2008	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %	Various	Ongoing											

**Project Attachments
For: 2020**

Project # ENV-001-08

Project Name: Lou Romano Water Reclamation Plant

	Project ID	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Lab Equipment										\$200,000	\$200,000
Grit Equipment Rebuilds / Replacements										\$500,000	\$500,000
RS Pump Rebuilds			\$500,000							\$500,000	\$1,000,000
Variable Speed Drives										\$200,000	\$200,000
SCADA Equipment	7191027	\$200,000			\$200,000					\$450,000	\$850,000
BAF Valve Repair / Replacement	7191028	\$50,000			\$133,333			\$133,333		\$266,334	\$583,000
Bar Screens Rakes and Conveyors										\$100,000	\$100,000
Fine Screens					\$50,000			\$50,000		\$150,000	\$250,000
BAF FCS spare screen or alternate							\$200,000			\$200,000	\$400,000
PST Refurbishment						\$600,000		\$800,000		\$1,600,000	\$3,000,000
Channel Refurbishment					\$250,000			\$350,000		\$200,000	\$800,000
BAF Cell Refurbishment	7172003	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000			\$2,500,000	\$4,900,000
UV Module Replacement	7189007	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$350,000	\$750,000
Health & Safety			\$30,000								\$30,000
Sluice Gate Refurbishment			\$100,000		\$100,000						\$200,000
Inlet Refurbishment				\$200,000					\$200,000	\$200,000	\$600,000
Main Pumphouse Piping							\$500,000			\$1,000,000	\$1,500,000
Centrifuge 2 and 3 Gearbox Replacement				\$150,000	\$150,000						\$300,000
Centrifuge Rebuilds (1, 2 and 3)				\$100,000	\$100,000	\$100,000					\$300,000
PEP Refurbishment	7181037	\$500,000								\$800,000	\$1,300,000
Biorem Rehabilitation	7191029	\$300,000									\$300,000
Metering Chamber - Side 2					\$200,000						\$200,000
Alum Dosing Repiping	New	\$100,000	\$200,000								\$300,000
Parking Lot Rehabilitation	New	\$400,000	\$300,000								\$700,000
Confined Space Elimination in MPH			\$400,000								\$400,000
Scales			\$850,000								\$850,000
Dewatering Hopper Unloaders	New	\$50,000	\$50,000	\$50,000							\$150,000
Miscellaneous	7169002	\$300,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$2,900,000	\$5,650,000
Total		\$2,350,000	\$3,230,000	\$1,300,000	\$1,983,333	\$1,500,000	\$1,500,000	\$1,733,333	\$600,000	\$12,116,334	\$26,313,000

2020 Anticipated Capital Works:

SCADA Equipment: Long term change over of PLC communications as existing is becoming obsolete. An extended program to replace the Genius communications bus to Profinet Ethernet standard.

BAF Valve Repair / Replacement: Ongoing project to replace valves that are beyond end of life.

BAF Cell Refurbishment: Air piping has excessive leaks impacting operation of the process within the cell. There are 16 cells each requiring cell media removal and piping repairs.

UV Module Replacement: Modules require annual rebuilding and replacement units provide increased reliability and flexibility of system

PEP Refurbishment: Refurbish PEPs screw pumps 2 and 3.

Biorem Rehabilitation: Replacement of subfloor and media.

Alum Dosing Repiping: Install 3rd alum pump and relocate alum injection point to increase dosing options and maintain uniform mixing.

Parking Lot Rehabilitation: Patch and repave parking lot around Admin Building and employee parking lot.

Dewatering Hopper Unloaders: Rebuilding and installing of dewatering hopper unloaders, the last of which was rebuilt in 2012.

Miscellaneous: To address the equipment repair and replacement which occurs due to unanticipated equipment failure. This is a placeholder due to the varying nature of this work.



Project Version Summary

Project #	ENV-002-08	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Pollution Control
Title	Little River Pollution Control Plant		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
<p>Established for the repairs of the particular facility and other LRPCP capital related costs. Funded from the dedicated Pollution Control Reserve, Fund 208.</p> <p>The account represents funding for various works including placeholders for planned and unplanned repairs on a year-by-year basis. The work anticipated and completed varies annually dependent on manpower, project scope and can span several years.</p> <p>Due to the large amount of mechanical, electrical and structural infrastructure in the facility, annual funding from the Sewer Surcharge was put in place in order to address the depreciation of this infrastructure and provide for ongoing replacement, rehabilitation and repair. This ensures the reliability and integrity of the infrastructure in order to properly maintain the operation due to its critical nature.</p> <p>The facility has redundancy designed and built-in so that when equipment requires repair it can be taken out of service and still maintain the overall facility capacity. However, the repair must be completed in a timely manner in order for it to be brought back into service to ensure the reliability and integrity of the overall operation. Significant portions of the equipment are at what is considered to be its normal life span (15 to 40 years), dependent on the type of equipment. As a result, it is scheduled to be replaced as preventative maintenance prior to failure.</p>

Version Description
<p>2020 Capital Works: \$2,200,000</p> <p>\$800,000 - HVAC Units (Dewatering): Replacement of the dewatering HVAC equipment is required due to age and corrosion of the equipment caused by the operating department.</p> <p>\$100,000 - UV System Maintenance / Replacement: Repair UC microorganism disinfection system due to inefficiency and end of life.</p> <p>\$50,000 - RS Pump Rebuilds: Rebuild of the raw sewage pumps rotating assembly to maintain reliability, and efficiency is required on a 5 to 10 year cycle depending on wear.</p> <p>\$500,000 - Aeration Efficiencies: To optimise aeration systems and achieve greater energy efficiency.</p> <p>\$300,000 - Sludge Pumphouse Valve Replacement: Sludge pumphouses 1 and 2 require valve and actuator replacements.</p> <p>\$200,000 - Security: Involves the updating of the perimeter access gate, controls and cameras to address updated site security measures.</p> <p>\$250,000 - Miscellaneous: To address the equipment repair and replacement which occurs due to unanticipated equipment failure. This is a placeholder due to the varying nature of this work.</p>

Project Comments/Reference
<p>See Document Attached.</p> <p>Closed: 7091011/7141040/7161019/7161021/7164009</p> <p>Open: 7141039/7151016/7161020/7161022/7161023/7169004/7172007-7172011/7189009/7192004/7203001/7201010</p>

Version Comments

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	2,200,000	2,200,000	0	5410	Construction Contracts - TCA									
2021	3,420,000	3,420,000	0		2,200,000	3,420,000	2,000,000	2,520,000	1,900,000	520,000	750,000	920,000	5,460,000	19,690,000
2022	2,000,000	2,000,000	0		Total									
2023	2,520,000	2,520,000	0		2,200,000	3,420,000	2,000,000	2,520,000	1,900,000	520,000	750,000	920,000	5,460,000	19,690,000
2024	1,900,000	1,900,000	0	Revenues										
2025	520,000	520,000	0	208	Pollution Control Reserve									
2026	750,000	750,000	0		2,200,000	3,420,000	2,000,000	2,520,000	1,900,000	520,000	750,000	920,000	5,460,000	19,690,000
2027	920,000	920,000	0		Total									
2028+	5,460,000	5,460,000	0		2,200,000	3,420,000	2,000,000	2,520,000	1,900,000	520,000	750,000	920,000	5,460,000	19,690,000
	19,690,000	19,690,000	0											
Historical Approved Budget														
Year	Total Expense	Net City Cost	Subsidies											
2008	213,000	213,000	0											
2009	500,000	500,000	0											
2010	350,000	350,000	0											
2011	100,000	100,000	0											
2012	1,396,000	1,396,000	0											
2013	2,075,000	2,075,000	0											
2014	1,245,000	1,245,000	0											
2015	900,000	900,000	0											
2016	2,030,000	2,030,000	0											
2017	1,920,000	1,920,000	0											
2018	1,545,000	1,545,000	0											
2019	1,245,000	1,245,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	These works are all related to replacement and refurbishment of existing equipment and are expected to result in decreased maintenance costs.							0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2008	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %	Various	Ongoing										

**Project Attachments
For: 2020**

Project # ENV-002-08

Project Name: Little River Pollution Control Plant

	Project ID	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
3- Schwing Pumps					\$500,000	\$200,000				\$200,000	\$900,000
HVAC units (dewatering)	7172007	\$800,000									\$800,000
UV System upgrade/replacement	New	\$100,000	\$1,800,000	\$1,700,000							\$3,600,000
Plant 1 Chemical and pipe chase					\$700,000						\$700,000
RS Pump Rebuilds	7189009	\$50,000						\$50,000		\$50,000	\$150,000
PST refurbish								\$200,000	\$200,000	\$800,000	\$1,200,000
FST refurbish								\$200,000	\$200,000	\$800,000	\$1,200,000
Misc. concrete tank and channel refurbish			\$100,000		\$100,000		\$100,000		\$100,000	\$300,000	\$700,000
Aeration cell refurbish / piping					\$400,000	\$400,000				\$400,000	\$1,200,000
Sluice Gate Refurbish			\$120,000		\$120,000		\$120,000			\$480,000	\$840,000
Aeration Efficiencies	New	\$500,000									\$500,000
Locker Room / Lunch Room			\$1,100,000								\$1,100,000
Sludge Pumphouse Valve Replacement	7192004	\$300,000			\$400,000						\$700,000
Security	7161023	\$200,000									\$200,000
Grit Removal Rebuild						\$1,000,000					\$1,000,000
Miscellaneous	7169004	\$250,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$2,550,000	\$4,900,000
Total		\$2,200,000	\$3,420,000	\$2,000,000	\$2,520,000	\$1,900,000	\$520,000	\$750,000	\$800,000	\$5,580,000	\$19,690,000

2020 Anticipated Capital Works:

HVAC Units (Dewatering): Replacement of the dewatering HVAC equipment is required due to age and corrosion of the equipment caused by the operating department.

UV System Upgrade / Replacement: Upgrade UC microorganism disinfection system due to inefficiency and end of life.

RS Pump Rebuilds: Rebuild of the raw sewage pumps rotating assembly to maintain reliability, and efficiency is required on a 5 to 10 year cycle depending on wear

Aeration Efficiencies: To optimise aeration systems and achieve greather energy efficiency.

Sludge Pumphouse Valve Replacement: Sludge pumphouses 1 and 2 require valve and actuator replacements.

Security: Involves the updating of the perimeter access gate, controls and cameras to address updated site security measures.

Miscellaneous: To address the equipment repair and replacement which occurs due to unanticipated equipment failure. This is a placeholder due to the varying nature of this work.



Project Version Summary

Project #	ENV-003-08	Service Area	Office of the City Engineer
Budget Year	2020	Department	Engineering
Asset Type	Unassigned	Division	Pollution Control
Title	Pumping Stations Maintenance		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Established for repairs to various pumping station facilities and other capital related costs. Funded from the dedicated Pollution Control Reserve, Fund 208.

The account represents funding for various works including placeholders for planned and unplanned repairs on a year-by-year basis. The work anticipated and completed varies annually dependent on manpower, project scope and can span several years.

Due to the large amount of mechanical, electrical and structural infrastructure in the facilities, annual funding from the Sewer Surcharge was put in place in order to address the depreciation of this infrastructure and provide for ongoing replacement, rehabilitation and repair. This ensures the reliability and integrity of the infrastructure in order to properly maintain operations due to their critical nature.

The facilities have redundancy designed and built-in so that when equipment requires repair, they can be taken out of service and still maintain the overall facility capacity. However, repairs must be completed in a timely manner in order for it to be brought back into service to ensure the reliability and integrity of the overall operation. Significant portions of the equipment are at what is considered to be its normal life span (15 to 40 years), dependent on the type of equipment. As a result, it is scheduled to be replaced as preventative maintenance prior to failure.

Project Comments/Reference

See Document Attached.
 Closed: 7091010/7162003
 Open:
 7141042/7162004/7169003/7169004/7172012/7172013/7189010/7192005/7192006

Version Description

2020 Capital Works: \$250,000
 \$50,000 - Caron: Investigate and repair structure due to possible erosion from high river wave action.
 \$200,000 - Miscellaneous: To address the equipment repair and replacement which occurs due to unanticipated equipment failure. This is a placeholder due to the varying nature of this work.

Version Comments

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	250,000	250,000	0	5410	Construction Contracts - TCA									
2021	450,000	450,000	0		250,000	450,000	1,030,000	3,430,000	1,180,000	1,460,000	410,000	250,000	2,500,000	10,960,000
2022	1,030,000	1,030,000	0		Total									
2023	3,430,000	3,430,000	0		250,000	450,000	1,030,000	3,430,000	1,180,000	1,460,000	410,000	250,000	2,500,000	10,960,000
2024	1,180,000	1,180,000	0	Revenues										
2025	1,460,000	1,460,000	0	208	Pollution Control Reserve									
2026	410,000	410,000	0		250,000	450,000	1,030,000	3,430,000	1,180,000	1,460,000	410,000	250,000	2,500,000	10,960,000
2027	250,000	250,000	0		Total									
2028+	2,500,000	2,500,000	0		250,000	450,000	1,030,000	3,430,000	1,180,000	1,460,000	410,000	250,000	2,500,000	10,960,000
	10,960,000	10,960,000	0											
Historical Approved Budget														
		Revenue												
Year	Total Expense	Net City Cost	Subsidies											
2008	150,000	150,000	0											
2009	225,000	225,000	0											
2010	410,000	410,000	0											
2011	100,000	100,000	0											
2012	595,000	595,000	0											
2013	1,005,000	1,005,000	0											
2014	970,000	970,000	0											
2015	525,000	525,000	0											
2016	400,000	400,000	0											
2017	1,400,000	1,400,000	0											
2018	800,000	800,000	0											
2019	750,000	750,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	These works are all related to replacement and refurbishment of existing equipment and are expected to result in decreased maintenance costs.							0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2008	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %	Various	Ongoing										

Project Attachments
For: 2020

Project # ENV-003-08

Project Name: Pumping Stations

Capital Project #7169003	Project IDs	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Ambassador/Ojibway											
Pumps/Diesel							\$130,000				\$130,000
MCC/Controls							\$100,000				\$100,000
Aspen Lake											
Dredging							\$250,000				\$250,000
Caron											
Pump Rebuild				\$150,000							\$150,000
Engineering - Floor / Building	7189010	\$50,000									\$50,000
Replace Actuators / Valves							\$100,000				\$100,000
Bypass Gates / Inlet Valve				\$100,000							\$100,000
Clairview											
Pump Rebuild			\$100,000		\$100,000						\$200,000
Drouillard											
MCC upgrade/replacement				\$250,000							\$250,000
East Banwell											
dredging/cleaning							\$50,000				\$50,000
Grand Marais											
diesel driven pump				\$150,000							\$150,000
Howard Grade (new 2011)											
pumps								\$160,000			\$160,000
dredging										\$200,000	\$200,000
Huron Estates											
Pumps/Diesel						\$100,000					\$100,000
Janette/Charl											
upgrade/refurbish			\$100,000								\$100,000
Jefferson											
Pumps/Diesel						\$300,000					\$300,000
Lakeview/Blue Heron Pond											
Dredging					\$400,000						\$400,000
Maplewood											
Pumps				\$100,000							\$100,000
Pontiac											
Diesel / MCC					\$2,000,000						\$2,000,000
Provincial (Legacy)											
pumps				\$30,000	\$30,000	\$30,000					\$90,000
clean underground storage							\$80,000				\$80,000
Walker											
pumps					\$150,000						\$150,000
dredging					\$500,000						\$500,000
Wellington											
diesel / mcc upgrade / replacement						\$500,000					\$500,000

Project Attachments
For: 2020

Project # ENV-003-08

Project Name: Pumping Stations

Capital Project #7169003	Project IDs	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Ypres											
pumps										\$100,000	\$100,000
diesel / mcc							\$500,000				\$500,000
Miscellaneous	7169003	\$200,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$2,200,000	\$4,150,000
		\$250,000	\$450,000	\$1,030,000	\$3,430,000	\$1,180,000	\$1,460,000	\$410,000	\$250,000	\$2,500,000	\$10,960,000

2020 Anticipated Capital Works:

Caron: Investigate and repair structure due to possible erosion from high river wave action.

Miscellaneous: To address the equipment repair and replacement which occurs due to unanticipated equipment failure. This is a placeholder due to the varying nature of this work.



Project Version Summary

Project #	ECB-007-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Victoria Ave. - Tecumseh to Jackson Park - Mill and Pave		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description				Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				Victoria Ave. was proposed to be resurfaced by milling off the existing asphalt and repaving the road from Tecumseh Rd. W. to Jackson Park. It is the opinion of Administration that this road has now deteriorated beyond the point where milling and repaving is a viable option for rehabilitation. This road should be fully reconstructed. The estimated cost for this work is \$625,000. Recommendations regarding this project will follow as part of a separate report to City Council.											
Project Comments/Reference				Version Comments											
7183006				PRE-COMMITMENT: CR123/2018, Report # C 20/2018 approved a pre-commitment of \$150,000 in 2020.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	150,000	150,000	0	5410	Construction Contracts - TCA										
2021	0	0	0		150,000	0	0	0	0	0	0	0	0	0	150,000
2022	0	0	0												
2023	0	0	0												
2024	0	0	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	0	0	0												
	150,000	150,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date							
2018	March 1, 2018	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci					TBD							



Project Version Summary

Project #	ECB-009-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Lillian Ave. - Grand Marais to South Pacific - Reconstruction		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 10		
Version Name	Main (Active)		

Project Description				Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				Lillian Ave. will be reconstructed between Grand Marais Rd. E. and South Pacific Ave. Upon approval, this work will be tendered and completed during the 2018 construction season.											
Project Comments/Reference				Version Comments											
7183007				PRE-COMMITMENT: CR123/2018, Report # C 20/2018 approved a pre-commitment of \$500,000 in 2020.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	500,000	500,000	0	5410	Construction Contracts - TCA										
2021	0	0	0		500,000	0	0	0	0	0	0	0	0	0	500,000
2022	0	0	0		Total	500,000	0	0	0	0	0	0	0	0	500,000
2023	0	0	0	Revenues											
2024	0	0	0	221	Service Sustainability Investm										
2025	0	0	0		500,000	0	0	0	0	0	0	0	0	0	500,000
2026	0	0	0		Total	500,000	0	0	0	0	0	0	0	0	500,000
2027	0	0	0												
2028+	0	0	0												
	500,000	500,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date							
2018	March 1, 2018	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci					TBD							



Project Version Summary

Project #	ECB-014-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Ypres Blvd. - Forest to Walker - Mill and Pave		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 4		
Version Name	Main (Active)		

Project Description				Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				Ypres. Blvd. is proposed to be resurfaced by milling off the existing asphalt and repaving the road from Forest Ave. to Walker Rd. and can be combined with other work under tender to be completed during the 2018 construction season if approved. This project may be delayed as full sewer reconstruction of this section is planned for the 2022 calendar year.											
Project Comments/Reference				Version Comments											
7183011				PRE-COMMITMENT: CR123/2018, Report # C 20/2018 approved a pre-commitment of \$247,000 in 2020.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	247,000	247,000	0	5410	Construction Contracts - TCA										
2021	1,400,000	1,400,000	0		247,000	1,400,000	0	0	0	0	0	0	0	0	1,647,000
2022	0	0	0		Total										0
2023	0	0	0		247,000	1,400,000	0	0	0	0	0	0	0	0	1,647,000
2024	0	0	0	Revenues											
2025	0	0	0	221	Service Sustainability Investm										
2026	0	0	0		247,000	1,400,000	0	0	0	0	0	0	0	0	1,647,000
2027	0	0	0		Total										0
2028+	0	0	0		247,000	1,400,000	0	0	0	0	0	0	0	0	1,647,000
	1,647,000	1,647,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2018	March 1, 2018	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci	TBD											



Project Version Summary

Project #	ECB-016-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	St. Luke Rd. - Seminole to ETR - Reconstruction		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 5		
Version Name	Main (Active)		

Project Description				Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				This project involves the reconstruction of St. Luke pavement between Seminole St. and the Essex Terminal Railway. Because watermain funding will become available until 2019, work will be tendered in the Spring of 2019 and completed in the 2019 construction season.											
Project Comments/Reference				Version Comments											
7184000				As per CR123/2018, Report # C 20/2018, this project was approved as a placeholder subject to a detailed report to formally approve works to commence within a five-year timeline. PRE-COMMITMENT: As per CR4/2019, Report C 217/2018, Council approved a pre-commitment of \$51,000 in 2018 and \$459,000 in 2021.											
Project Forecast				Project Detailed Forecast											
		Revenue													
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
2020	0	0	0	Expenses											
2021	459,000	459,000	0	5410	Construction Contracts - TCA										
2022	0	0	0		0	459,000	0	0	0	0	0	0	0	459,000	
2023	0	0	0	Total	0	459,000	0	0	0	0	0	0	0	459,000	
2024	0	0	0	Revenues											
2025	0	0	0	221	Service Sustainability Investm										
2026	0	0	0		0	459,000	0	0	0	0	0	0	0	459,000	
2027	0	0	0	Total	0	459,000	0	0	0	0	0	0	0	459,000	
2028+	0	0	0												
459,000		459,000		0											
Historical Approved Budget															
Year	Total Expense	Net City Cost	Subsidies												
2018	51,000	51,000	0												
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020		Project Lead						Est. Completion Date					
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Phong Nguy / Michael Cappucci						TBD					



Project Version Summary

Project #	ECB-019-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	St. Julien Rd. - George to Tourangeau - Reconstruction		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 5		
Version Name	Main (Active)		

Project Description				Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				This is a road reconstruction with no watermain work. Upon approval, this work will be tendered with other work and completed during the 2018 construction season.											
Project Comments/Reference				Version Comments											
7184001				PRE-COMMITMENT: CR123/2018, Report # C 20/2018 approved a pre-commitment of \$155,000 in 2021.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	155,000	155,000	0		0	155,000	0	0	0	0	0	0	0	155,000	
2022	0	0	0		Total										0
2023	0	0	0		0	155,000	0	0	0	0	0	0	0	155,000	
2024	0	0	0	Revenues											
2025	0	0	0	221	Service Sustainability Investm										
2026	0	0	0		0	155,000	0	0	0	0	0	0	0	155,000	
2027	0	0	0		Total										0
2028+	0	0	0		0	155,000	0	0	0	0	0	0	0	155,000	
	155,000	155,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2018	March 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Phong Nguy / Michael Cappucci	TBD											



Project Version Summary

Project #	ECB-027-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Briarbank Dr. - Mill and Pave		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 7		
Version Name	Main (Active)		

Project Description				Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				Briarbank Dr. will be resurfaced from Mulberry Rd. to Rosebriar Rd. by milling off the existing asphalt and repaving the road. Upon approval, this work will be combined with other work under tender to be completed during the 2018 construction season.											
Project Comments/Reference				Version Comments											
7184002				PRE-COMMITMENT: CR123/2018, Report # C 20/2018 approved a pre-commitment of \$7,000 in 2019, \$143,000 in 2020 and \$190,000 in 2021.											
Project Forecast				Project Detailed Forecast											
		<u>Revenue</u>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>	
2020	143,000	143,000	0	Expenses											
2021	190,000	190,000	0	5410	Construction Contracts - TCA										
2022	0	0	0		143,000	190,000	0	0	0	0	0	0	0	333,000	
2023	0	0	0		Total	143,000	190,000	0	0	0	0	0	0	333,000	
2024	0	0	0	Revenues											
2025	0	0	0	221	Service Sustainability Investm										
2026	0	0	0		143,000	190,000	0	0	0	0	0	0	0	333,000	
2027	0	0	0		Total	143,000	190,000	0	0	0	0	0	0	333,000	
2028+	0	0	0												
	333,000	333,000	0												
Historical Approved Budget															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2019	7,000	7,000	0												
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date							
2018	March 1, 2018	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci					TBD							



Project Version Summary

Project #	ECB-030-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Wyandotte St. - St. Rose to Janisse - Repair WB, Reconstruct EB		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 6		
Version Name	Main (Active)		

Project Description				Version Description																	
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				Wyandotte St. E. from St. Rose Ave. to Janisse Dr. is a concrete pavement. The westbound lanes require repair in various areas while the eastbound lanes will require removal of the pavement structure and reconstruction. The first possible opportunity to fund and to tender this work is in the Spring of 2019 with completion in the 2019 construction season.																	
Project Comments/Reference				Version Comments																	
7183019				As per CR123/2018, Report # C 20/2018, this project was approved as a placeholder subject to a detailed report to formally approve works to commence within a five-year timeline. PRE-COMMITMENT: As per CR4/2019, Report C 217/2018, Council approved a pre-commitment of \$440,000 in 2023.																	
Project Forecast				Project Detailed Forecast																	
		Revenue																			
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total							
2020	0	0	0	Expenses																	
2021	0	0	0	5410 Construction Contracts - TCA																	
2022	0	0	0	0 0 0 440,000 0 0 0 0 0 440,000																	
2023	440,000	440,000	0	Total 0 0 0 440,000 0 0 0 0 0 440,000																	
2024	0	0	0	Revenues																	
2025	0	0	0	221 Service Sustainability Investm																	
2026	0	0	0	0 0 0 440,000 0 0 0 0 0 440,000																	
2027	0	0	0	Total 0 0 0 440,000 0 0 0 0 0 440,000																	
2028+	0	0	0																		
		440,000	440,000	0																	
Historical Approved Budget																					
Related Projects				Operating Budget Impact																	
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date												
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Phong Nguy / Michael Cappucci					TBD												



Project Version Summary

Project #	ECB-031-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Courtland Cres. - South National to South National - Mill and Pave		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 7		
Version Name	Main (Active)		

Project Description			Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.			Courtland Cres. will be resurfaced for its entire length by milling off the existing asphalt and repaving the road. The first possible opportunity to fund and to tender this work is in the Spring of 2019 with completion in the 2019 construction season.											
Project Comments/Reference			Version Comments											
7183020			As per CR123/2018, Report # C 20/2018, this project was approved as a placeholder subject to a detailed report to formally approve works to commence within a five-year timeline. PRE-COMMITMENT: As per CR4/2019, Report C 217/2018, Council approved a pre-commitment of \$120,000 in 2023.											
Project Forecast			Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5410	Construction Contracts - TCA									
2021	0	0	0		0	0	0	120,000	0	0	0	0	0	120,000
2022	0	0	0		0	0	0	120,000	0	0	0	0	0	120,000
2023	120,000	120,000	0		0	0	0	120,000	0	0	0	0	0	120,000
2024	0	0	0	Revenues										
2025	0	0	0	221	Service Sustainability Investm									
2026	0	0	0		0	0	0	120,000	0	0	0	0	0	120,000
2027	0	0	0		0	0	0	120,000	0	0	0	0	0	120,000
2028+	0	0	0		0	0	0	120,000	0	0	0	0	0	120,000
	120,000	120,000	0											
Historical Approved Budget			Operating Budget Impact											
Related Projects														
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date						
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Phong Nguy / Michael Cappucci					TBD						



Project Version Summary

Project #	ECB-032-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Annie St. - Tecumseh to Cul-de-sac - Mill and Pave		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 8		
Version Name	Main (Active)		

Project Description				Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				Annie St. will be resurfaced from Tecumseh southerly by milling off the existing asphalt and repaving the road. The first possible opportunity to fund and to tender this work is in the Spring of 2019 with completion in the 2019 construction season.											
Project Comments/Reference				Version Comments											
7183021				As per CR123/2018, Report # C 20/2018, this project was approved as a placeholder subject to a detailed report to formally approve works to commence within a five-year timeline. PRE-COMMITMENT: As per CR4/2019, Report C 217/2018, Council approved a pre-commitment of \$90,000 in 2023.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	0	0	0			0	0	0	90,000	0	0	0	0	0	90,000
2022	0	0	0	Total		0	0	0	90,000	0	0	0	0	0	90,000
2023	90,000	90,000	0	Revenues											
2024	0	0	0	221 Service Sustainability Investm											
2025	0	0	0			0	0	0	90,000	0	0	0	0	0	90,000
2026	0	0	0	Total		0	0	0	90,000	0	0	0	0	0	90,000
2027	0	0	0												
2028+	0	0	0												
	90,000	90,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Phong Nguy / Michael Cappucci					TBD						



Project Version Summary

Project #	ECB-036-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Northwood St. - Cleary to Daytona - Reconstruction		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 10		
Version Name	Main (Active)		

Project Description				Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				Northwood St. will be reconstructed from Cleary St. to Daytona Ave. There is no watermain work. Upon approval, this work will be tendered in late 2018 and completed during the 2019 construction season.											
Project Comments/Reference				Version Comments											
7183013				PRE-COMMITMENT: CR123/2018, Report # C 20/2018 approved a pre-commitment of \$675,000 in 2019 and \$75,000 in 2020.											
Project Forecast				Project Detailed Forecast											
		<u>Revenue</u>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>	
2020	75,000	75,000	0	Expenses											
2021	0	0	0	5410	Construction Contracts - TCA										
2022	0	0	0		75,000	0	0	0	0	0	0	0	0	75,000	
2023	0	0	0		75,000	0	0	0	0	0	0	0	0	75,000	
2024	0	0	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	0	0	0												
	75,000	75,000	0												
Historical Approved Budget				Operating Budget Impact											
		<u>Revenue</u>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2019	675,000	675,000	0												
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead				Est. Completion Date								
2018	March 1, 2018	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci				TBD								



Project Version Summary

Project #	ENG-007-16	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Basement Flooding Abatement Measures		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This project will merge the following five programs, which used to be separate projects in the Capital Budget, into one project:

- Closed Circuit Television (CCTV) Program – to evaluate sewer conditions and assist in capital planning
- Smoke & Dye Testing Program – to identify infiltration and cross connection issues for identification of repairs required to reduce basement flooding
- Small Sewer Repairs Program – to address numerous small deficiencies identified in the sewer system which, if left unchecked, can manifest into sinkholes and larger repairs
- Basement Flooding Mitigation Measures Program – for the implementation of a downspout disconnection program and investing in live flow monitoring equipment
- Basement Flooding Prevention Subsidy Program – to install backwater valves and/or sump pumps in areas subject to, or are susceptible to, basement flooding and help subsidize homeowners for part of the associated costs.

Beginning in 2020, Administration will establish a trunk sewer inspection program and an annual zoom cyclical program in addition to the existing programs outlined above.

Project Comments/Reference

7169001

Version Description

This project consolidates the following previously approved projects into one program:

- 1) OPS-008-07 Closed Circuit Television (CCTV)
- 2) OPS-003-10 Small Sewer Repairs
- 3) ECP-001-12 Basement Flooding Mitigation Measures
- 4) EIT-002-11 Basement Flooding Prevention Subsidy Program

Version Comments

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	4,687,751	4,687,751	0	5410	Construction Contracts - TCA									
2021	5,837,751	5,837,751	0		4,687,751	5,837,751	5,887,751	5,887,751	5,887,751	5,887,751	5,887,751	5,887,751	5,887,751	51,739,759
2022	5,887,751	5,887,751	0		Total									
2023	5,887,751	5,887,751	0		4,687,751	5,837,751	5,887,751	5,887,751	5,887,751	5,887,751	5,887,751	5,887,751	5,887,751	51,739,759
2024	5,887,751	5,887,751	0	Revenues										
2025	5,887,751	5,887,751	0	028	Sewer Surcharge									
2026	5,887,751	5,887,751	0		4,687,751	5,837,751	5,887,751	5,887,751	5,887,751	5,887,751	5,887,751	5,887,751	5,887,751	51,739,759
2027	5,887,751	5,887,751	0		Total									
2028+	5,887,751	5,887,751	0		4,687,751	5,837,751	5,887,751	5,887,751	5,887,751	5,887,751	5,887,751	5,887,751	5,887,751	51,739,759
	51,739,759	51,739,759	0											
Historical Approved Budget														
		Revenue												
Year	Total Expense	Net City Cost	Subsidies											
2016	2,630,000	2,630,000	0											
2017	2,500,000	2,500,000	0											
2018	2,700,000	2,700,000	0											
2019	3,227,751	3,227,751	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	This project may impact sewer and drain maintenance costs.								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2016	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %		Phong Nguy / Andrew Lewis				Ongoing						



Project Version Summary

Project #	OPS-001-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Road Rehabilitation - Various Locations Program		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

<p>Project Description</p> <p>Citywide rehabilitation and reconstruction of existing paved roads comprises of 1,068 km (2,371 lane km) including the E.C. Row Expressway. As of June 2019, 20.1% of the road system is rated 'Now' Deficient. The estimated replacement value of roads is approximately \$2.05 billion. Industry standard life cycle is 35 years. Based on a 35-year replacement cycle, the perpetual annual cost for the replacement of this infrastructure is approximately \$50-\$60 million. Specific projects are to be approved by Council prior to proceeding. It should be noted that years 2020 and beyond are based on current assessed condition and applied asset management.</p>	<p>Version Description</p> <p>2020: Citywide Rehab (excl EC Row Rehab) = \$ 6,468,537 / EC Row Rehab = \$3,833,537 2021: Citywide Rehab (excl EC Row Rehab) = \$ 7,283,642 / EC Row Rehab = \$5,547,918 2022: Citywide Rehab (excl EC Row Rehab) = \$11,947,696 / EC Row Rehab = \$1,000,000 2023: Citywide Rehab (excl EC Row Rehab) = \$ 5,600,000 / EC Row Rehab = \$8,704,451 2024: Citywide Rehab (excl EC Row Rehab) = \$16,982,717 / EC Row Rehab = \$2,500,000 2025: Citywide Rehab (excl EC Row Rehab) = \$17,482,717 / EC Row Rehab = \$2,000,000 2026: Citywide Rehab (excl EC Row Rehab) = \$ 8,500,000 / EC Row Rehab = \$1,500,000 2027: Citywide Rehab (excl EC Row Rehab) = \$12,470,527 / EC Row Rehab = \$500,000</p> <p>Note: Sewer and watermain information need to be taken into consideration prior to commencing any project. This includes consideration of any construction plans by utility companies as well as any change in dictated priorities that may ensue as time goes by.</p>
<p>Project Comments/Reference</p> <p>See Document Attached (Closed: 7081001, 7091002, 7101001, 7111001, 7121001, 7131110, 7141025, 7151003) Active: 7161027, 7171016, 7181024, 7181040, 7201002</p>	<p>Version Comments</p> <p>CR577/2019, report # C 178/2019 approved a pre-commitment to the 2020 Capital Budget on Nov. 18/19. F176 - \$1,700,000</p> <p>Note: Per CR248/2019- \$92,832 in 2019 is set as a placeholder for Grand Marais Cycling & \$66,883 in 2019 for ICIP- City Wide Sidewalks pending the ICIP - Active Transportation grant approval</p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	10,302,074	10,302,074	0	5410	Construction Contracts - TCA										
2021	12,831,560	12,831,560	0		10,302,074	12,831,560	12,947,696	14,304,451	19,482,717	19,482,717	10,000,000	12,970,527	9,000,000	121,321,742	
2022	12,947,696	12,947,696	0		Total	10,302,074	12,831,560	12,947,696	14,304,451	19,482,717	19,482,717	10,000,000	12,970,527	9,000,000	121,321,742
2023	14,304,451	14,304,451	0	Revenues											
2024	19,482,717	19,482,717	0	176	Federal Gas Tax Rebate										
2025	19,482,717	19,482,717	0		8,468,537	8,283,642	8,771,512	9,416,058	8,000,000	8,000,000	9,000,000	9,000,000	9,000,000	77,939,749	
2026	10,000,000	10,000,000	0	221	Service Sustainability Investm										
2027	12,970,527	12,970,527	0		1,833,537	4,547,918	4,176,184	4,888,393	11,482,717	11,482,717	1,000,000	3,970,527	0	43,381,993	
2028+	9,000,000	9,000,000	0		Total	10,302,074	12,831,560	12,947,696	14,304,451	19,482,717	19,482,717	10,000,000	12,970,527	9,000,000	121,321,742
	121,321,742	121,321,742	0												
Historical Approved Budget															
Year	Total Expense	Net City Cost	Subsidies												
2007	4,450,000	4,450,000	0												
2008	10,658,000	10,658,000	0												
2009	16,200,000	16,200,000	0												
2010	16,200,000	16,200,000	0												
2011	8,217,000	8,217,000	0												
2012	2,404,300	904,300	1,500,000												
2013	4,000,000	4,000,000	0												
2014	7,637,000	7,637,000	0												
2015	6,364,810	6,364,810	0												
2016	7,787,000	7,787,000	0												
2017	7,787,000	7,787,000	0												
2018	8,887,000	8,887,000	0												
2019	9,152,263	9,152,263	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	Any budget deferral in approved funding will result in an increase in the operating budget for temporary road repairs and patching.								0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci	Ongoing											

PROPOSED 2020 ROAD REHABILITATION PROGRAM

ITEM NO.	STREET	FROM	TO	REHAB. TYPE
CITY WIDE REHABILITATION:				
1	FOCH AVE	MCDUGALL ST	HOWARD AVE	M
2	LOGAN AVE	MCDUGALL ST	HOWARD AVE	R
3	MERCER ST	TECUMSEH RD E	S. OF FOCH AVE	R
4	HOWARD AVE	TECUMSEH RD E	S. OF FOCH AVE	PN
5	LINCOLN RD	NIAGARA ST	OTTAWA ST	M
6	LINCOLN RD	ASSUMPTION ST	WYANDOTTE ST E	R
7	CHURCH ST	CAROLINE ST	GILES BLVD	R/M
8	MARION ST	CATARAQUI ST	GILES BLVD	M
9	COLLEGE AVE	SOUTH ST	WEST OF BROCK ST	R
10	RIVERSIDE DR W	HURON CHURCH RD	VISTA PL	R
11	RANDOLPH AVE	RIVERSIDE DR W	UNIVERSITY AVE	R
12	OUELLETTE AVE	EUGENIE ST	TECUMSEH RD	M
TOTAL CITY WIDE REHABILITATION			\$	6,468,537
E.C. ROW REHABILITATION:				
1	E.C. ROW	JEFFERSON BLVD	CENTRAL AVE	M
TOTAL E.C. ROW REHABILITATION			\$	3,833,537
TOTAL PROGRAM BUDGET			\$	10,302,074

M	Mill and Pave
R	Full Road Reconstruction
M/R	Mill & Pave AND Road Reconstruction
PN	Panel / Joint repairs
LIP**	Rehabilitation after completion of Local Improvement

NOTE: Road Segments may be reprioritized in coordination with WUC watermain projects and budgets

****LIP = SUBJECT TO EXHAUSTION OF LOCAL IMPROVEMENT PROCESS AS PER M39-2014**

PROPOSED 2021 ROAD REHABILITATION PROGRAM

ITEM NO.	STREET	FROM	TO	REHAB. TYPE
1	CAMERON AVE	RIVERSIDE DR	CUL-DE-SAC	R/M
2	LONGFELLOW AVENUE	ALEXANDRA AVENUE	LABELLE STREET	M
3	ALEXANDRA AVENUE	E.C. ROW	GRAND MARAIS ROAD	M
4	ACADEMY DRIVE	E.C. ROW	GRAND MARAIS ROAD	M
5	DANDURAND AVENUE	E.C. ROW	GRAND MARAIS ROAD	M
6	VIRGINIA PARK AVE	E.C. ROW	GRAND MARAIS ROAD	LIP
7	LABELLE STREET	ROCKWELL AVENUE	ALEXANDRA AVENUE	R
8	LABELLE STREET	ALEXANDRA AVENUE	DOMINION BOULEVARD	M
9	LAUZON PARKWAY	FOREST GLADE DRIVE	TECUMSEH ROAD	PN
10	TECUMSEH ROAD EAST	WALKER RD	DROUILLARD RD	R/M
TOTAL CITY WIDE REHABILITATION			\$ 7,283,642	
E.C. ROW REHABILITATION:				
1	E.C. ROW E/B	DOMINION BLVD	DOUGALL AVE	R
TOTAL E.C. ROW REHABILITATION			\$ 5,547,918	
TOTAL PROGRAM BUDGET			\$ 12,831,560	

M	Mill and Pave
R	Full Road Reconstruction
M/R	Mill & Pave AND Road Reconstruction
PN	Panel / Joint repairs
LIP**	Rehabilitation after completion of Local Improvement

NOTE: Road Segments may be reprioritized in coordination with WUC watermain projects and budgets

**LIP = SUBJECT TO EXHAUSTION OF LOCAL IMPROVEMENT PROCESS AS PER M39-2014

PROPOSED 2022 ROAD REHABILITATION PROGRAM

ITEM NO.	STREET	FROM	TO	REHAB. TYPE
1	LINCOLN RD	SENECA ST	TECUMSEH RD E	R
2	LANGLOIS AVE	GILES BLVD	SHEPHERD ST	R
3	WESTMINSTER BLVD	TECUSMEH RD	ADSTOLL AVE	R
4	JOSEPHINE AVE	WYANDOTTE ST W	ROONEY ST	R
5	ROONEY ST	CAMPBELL AVE	PARTINGTON AVE	R
6	LANGLOIS CRT	GRAND MARAIS RD	CUL-DE-SAC	M
7	LANGLOIS CRT	N OF STANLEY	S OF STANLEY	M
8	JACOB DR	STANLEY ST	STANLEY ST	M
9	STANLEY ST	JACOB DR	SOUTH PACIFIC AVE	M
10	LIONEL DR	SOUTH PACIFIC AVE	WAVERLY ST	M
11	WAVERLY ST	LANGLOIS CRT	LIONEL DR	M
12	OJIBWAY ST	MORTON DR	BROADWAY ST	R
TOTAL CITY WIDE REHABILITATION			\$ 11,947,696	
E.C. ROW REHABILITATION:				
	E.C. ROW	TDB		
TOTAL E.C. ROW REHABILITATION			\$ 1,000,000	
TOTAL PROGRAM BUDGET			\$ 12,947,696	

M	Mill and Pave
R	Full Road Reconstruction
M/R	Mill & Pave AND Road Reconstruction
PN	Panel / Joint repairs
LIP**	Rehabilitation after completion of Local Improvement

NOTE: Road Segments may be reprioritized in coordination with WUC watermain projects and budgets

**LIP = SUBJECT TO EXHAUSTION OF LOCAL IMPROVEMENT PROCESS AS PER M39-2014

PROPOSED 2023 ROAD REHABILITATION PROGRAM

ITEM NO.	STREET	FROM	TO	REHAB. TYPE
1	S/B GLENDALE AVE	EMPRESS ST	TECUMSEH RD	R
2	ROCKWELL BLVD	WEST GRAND BLVD	CUL-DE-SAC	R
3	GARDEN CRT	EDGAR AVE	HOMEDALE BLVD	M
4	WINDSOR AVE	ERIE ST	GILES BLVD	M
5	MCEWAN AVE	RIVERSIDE DR W	UNIVERSITY AVE	M
6	ELLIS ST E	ELSMERE AVE	PARENT AVE	R
7	GOYEAU BLVD	ERIE ST	ELLIOTT ST	M
8	GOYEAU BLVD	GILES BLVD	ELLIS ST	M
9	HURON CHURCH RD	COLLEGE AVE	TECUMSEH RD	PN
TOTAL CITY WIDE REHABILITATION			\$ 5,600,000	
E.C. ROW REHABILITATION:				
1	E.C. ROW - E/B	LAUZON RD	BANWELL RD	M
2	E.C. ROW - W/B	BANWELL RD	LAUZON RD	M
3	E.C. ROW - W/B	DOUGALL OFF RAMP		R
TOTAL E.C. ROW REHABILITATION			\$ 8,704,451	
TOTAL PROGRAM BUDGET			\$ 14,304,451	

M	Mill and Pave
R	Full Road Reconstruction
M/R	Mill & Pave AND Road Reconstruction
PN	Panel / Joint repairs
LIP**	Rehabilitation after completion of Local Improvement

NOTE: Road Segments may be reprioritized in coordination with WUC watermain projects and budgets

**LIP = SUBJECT TO EXHAUSTION OF LOCAL IMPROVEMENT PROCESS AS PER M39-2014

PROPOSED 2024 ROAD REHABILITATION PROGRAM

ITEM NO.	STREET	FROM	TO	REHAB. TYPE
1	MERCER ST	SHEPHERD ST	HANNA ST	R
2	TECUMSEH RD E	CENTRAL AVE	DROUILLARD RD	R/M
3	OAK AVE	RIVERSIDE DR	UNIVERSITY AVE	M
4	MOY AVE	TECUMSEH RD	YPRES AVE	M
5	ROSSINI BLVD	TECUMSEH RD	GRAND MARAIS RD E	R/LIP
6	ELLIS ST	GLADSTONE AVE	PARENT AVE	R
7	LAUZON PARKWAY	E.C. ROW	TECUMSEH RD	R
8	HOWARD / TECUMSEH	INTERSECTION		R
9	COLLEGE AVE	HURON CHURCH RD	CALIFORNIA AVE	R
10	TECUMSEH RD W	HURON CHURCH RD	PRINCE RD	R/M
TOTAL CITY WIDE REHABILITATION			\$ 16,982,717	
E.C. ROW REHABILITATION:				
1	E.C. ROW	DOMINION BLVD	HURON CHURCH RD	R
TOTAL E.C. ROW REHABILITATION			\$ 2,500,000	
TOTAL PROGRAM BUDGET			\$ 19,482,717	

M	Mill and Pave
R	Full Road Reconstruction
M/R	Mill & Pave AND Road Reconstruction
PN	Panel / Joint repairs
LIP**	Rehabilitation after completion of Local Improvement

NOTE: Road Segments may be reprioritized in coordination with WUC watermain projects and budgets

**LIP = SUBJECT TO EXHAUSTION OF LOCAL IMPROVEMENT PROCESS AS PER M39-2014

PROPOSED 2025 ROAD REHABILITATION PROGRAM

ITEM NO.	STREET	FROM	TO	REHAB. TYPE
1	HUNTINGTON AVE	GRANADA AVE	CABANA RD	M
2	LONGFELLOW AVE	WEST GRAND BLVD	CABANA RD	M
3	SOMME AVE	FRANCOIS RD	ARTHUR RD	M
4	LIBERTY ST	DOUGALL AVE	VICTORIA AVE	R
5	OJIBWAY PKWY	WEAVER RD	MORTON DR	R
6	LAUZON PARKWAY	E.C. ROW	TECUMSEH RD	R
7	DOUGALL PARKWAY	DOUGALL AVE	HIGHWAY 401	M
8	TECUMSEH RD	PILLETTE RD	CENTRAL AVE	M
TOTAL CITY WIDE REHABILITATION			\$ 17,482,717	
E.C. ROW REHABILITATION:				
	E.C. ROW	TBD		
TOTAL E.C. ROW REHABILITATION			\$ 2,000,000	
TOTAL PROGRAM BUDGET			\$ 19,482,717	

M	Mill and Pave
R	Full Road Reconstruction
M/R	Mill & Pave AND Road Reconstruction
PN	Panel / Joint repairs
LIP**	Rehabilitation after completion of Local Improvement

NOTE: Road Segments may be reprioritized in coordination with WUC watermain projects and budgets

**LIP = SUBJECT TO EXHAUSTION OF LOCAL IMPROVEMENT PROCESS AS PER M39-2014

PROPOSED 2026 ROAD REHABILITATION PROGRAM

ITEM NO.	STREET	FROM	TO	REHAB. TYPE
1	MARENTETTE AVE	SYDNEY AVE	KAMLOOPS ST	R
2	YPRES AVE	ALEXIS RD	MELDRUM RD	R
3	COUNRTY CLUB DR	HOWARD AVE	COUSINEAU RD	M
4	CHESTNUT DR	BEACHDALE RD	KERBY RD	M
5	KERBY RD	RIDGE RD	CHESTNUT DR	M
6	LILAC LN	LAUZON RD	ESPLANADE DR	R
7	ST ETIENNE BLVD	KAUTEX DR	MANHEIM WAY	R
TOTAL CITY WIDE REHABILITATION			\$ 8,500,000	
E.C. ROW REHABILITATION:				
	E.C. ROW	TBD		
TOTAL E.C. ROW REHABILITATION			\$ 1,500,000	
TOTAL PROGRAM BUDGET			\$ 10,000,000	

M	Mill and Pave
R	Full Road Reconstruction
M/R	Mill & Pave AND Road Reconstruction
PN	Panel / Joint repairs
LIP**	Rehabilitation after completion of Local Improvement

NOTE: Road Segments may be reprioritized in coordination with WUC watermain projects and budgets

****LIP = SUBJECT TO EXHAUSTION OF LOCAL IMPROVEMENT PROCESS AS PER M39-2014**

PROPOSED 2027 ROAD REHABILITATION PROGRAM

ITEM NO.	STREET	FROM	TO	REHAB. TYPE
1	MATCHETTE RD	E.C. ROW	CHAPPELL AVE	R
2	MELVILLE DR	ESPLANADE DR	CUL-DE-SAC	M
3	LYNNGROVE CRES	ESPLANADE DR	MELVILLE DR	M
4	SHENANDOAH CRES	PULBROOK RD	STILLMEADOW RD	M
5	PULBROOK RD	FOREST GLADE DR	STILLMEADOW RD	M
6	CALEDON CRT	EASTCOURT DR	STILLMEADOW RD	M
7	STILLMEADOW RD	SHENANDOAH CRES	MULBERRY RD	M
8	INDUSTRIAL DR	HURON CHURCH RD	AMBASSADOR DR	R
9	CENTRAL AVE	TECUMSEH RD	RHODES DR	M/R
TOTAL CITY WIDE REHABILITATION			\$ 12,470,527	
E.C. ROW REHABILITATION:				
	E.C. ROW	TBD		
TOTAL E.C. ROW REHABILITATION			\$ 500,000	
TOTAL PROGRAM BUDGET			\$ 12,970,527	

M	Mill and Pave
R	Full Road Reconstruction
M/R	Mill & Pave AND Road Reconstruction
PN	Panel / Joint repairs
LIP**	Rehabilitation after completion of Local Improvement

NOTE: Road Segments may be reprioritized in coordination with WUC watermain projects and budgets

**LIP = SUBJECT TO EXHAUSTION OF LOCAL IMPROVEMENT PROCESS AS PER M39-2014



Project Version Summary

Project #	OPS-001-11	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Minor Alley Maintenance Program		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
The City has 80 kms of paved alleyways, primarily in the older sections of the City, which serve as part of the public right of way. This pavement degrades over time and requires periodic replacement and repairs. As of June 2019, 35 kms of paved alley are "now" deficient, 21 kms will be "now" deficient in 1 - 5 years, 12 kms will be "now" deficient in 6 - 10 years, and 12 kms are considered "adequate".															
Project Comments/Reference				Version Comments											
7121000															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	100,000	100,000	0	5410	Construction Contracts - TCA										
2021	100,000	100,000	0		100,000	100,000	200,000	200,000	200,000	200,000	200,000	200,000	350,000	1,750,000	
2022	200,000	200,000	0		<hr/>										
2023	200,000	200,000	0		Total	100,000	100,000	200,000	200,000	200,000	200,000	200,000	350,000	1,750,000	
2024	200,000	200,000	0	Revenues											
2025	200,000	200,000	0	221	Service Sustainability Investm										
2026	200,000	200,000	0		100,000	100,000	200,000	200,000	200,000	200,000	200,000	200,000	350,000	1,750,000	
2027	200,000	200,000	0		<hr/>										
2028+	350,000	350,000	0		Total	100,000	100,000	200,000	200,000	200,000	200,000	200,000	350,000	1,750,000	
	1,750,000	1,750,000	0												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2014	100,000	100,000	0												
2016	100,000	100,000	0												
2017	100,000	100,000	0												
2018	100,000	100,000	0												
2019	1,050,000	1,050,000	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description							Exp/(Rev)	FTE Impact		
				Unknown	Any budget deferral in approved funding will result in increased operating costs for temporary repairs and patching as required.							0	0		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2011	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Roberta Harrison	Ongoing											



Project Version Summary

Project #	OPS-002-10	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Civic Gateway Corridor Maintenance		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	Ward 10		
Version Name	Main (Active)		

Project Description				Version Description												
The corridors of Dougall Avenue, Howard Avenue, and Huron Church Road represent gateways to the community. Aesthetic improvements to the structures at westbound E.C. Row Expressway as well as at the Ouellette Avenue overpass of CPR/ETR will provide continuity and enhancement of appearance for those travelling these routes.																
Project Comments/Reference				Version Comments												
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total		
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2020	0	0	0	5410	Construction Contracts - TCA											
2021	0	0	0		0	0	0	0	200,000	0	0	0	0	200,000		
2022	0	0	0													
2023	0	0	0													
2024	200,000	200,000	0													
2025	0	0	0													
2026	0	0	0													
2027	0	0	0													
2028+	0	0	0													
	200,000	200,000	0													
				Revenues												
				221	Service Sustainability Investm											
					0	0	0	0	200,000	0	0	0	0	200,000		
					0	0	0	0	200,000	0	0	0	0	200,000		
Historical Approved Budget				Operating Budget Impact												
				Effective Date	Description										Exp/(Rev)	FTE Impact
Related Projects				Unknown	No Operating Budget Impact										0	0
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date							
2010	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %		Phong Nguy					2024+							



Project Version Summary

Project #	OPS-002-11	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Minor Road Deficiencies Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 The rehabilitation of the city's roadways is performed on a life cycle basis and subject to available funding in Project OPS-001-07 (Citywide Road Rehabilitation). This work tends to be done on entire sections of a roadway (i.e. Ouellette Avenue from Erie Street to Giles Blvd.) In some instances, however, significant repairs to roadways are required that are too small to be assigned to the annual OPS-001-07 rehab. cycle but large enough to put the ROW Maintenance operating budget under strain. The Minor Road Rehab. project addresses these types of pavement repairs and allow the ROW Maintenance operating budget to focus on potholes and other small right of way repairs. Also included in this program is the routing and sealing of cracks in asphalt, spray patching, and pavement repairs to extend the life cycle where possible.

Version Description

Project Comments/Reference
 7111023

Version Comments

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	292,563	292,563	0
2021	350,837	350,837	0
2022	3,259,111	3,259,111	0
2023	2,967,386	2,967,386	0
2024	4,075,660	4,075,660	0
2025	4,133,934	4,133,934	0
2026	3,800,000	3,800,000	0
2027	3,800,000	3,800,000	0
2028+	1,800,000	1,800,000	0
	24,479,491	24,479,491	0

Project Detailed Forecast		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses											
5410	Construction Contracts - TCA										
		292,563	350,837	3,259,111	2,967,386	4,075,660	4,133,934	3,800,000	3,800,000	1,800,000	24,479,491
	Total	292,563	350,837	3,259,111	2,967,386	4,075,660	4,133,934	3,800,000	3,800,000	1,800,000	24,479,491
Revenues											
169	Pay As You Go - Capital Reserve							800,000			800,000
		0	0	0	0	0	0	800,000	0	0	800,000
176	Federal Gas Tax Rebate										
		156,516	0	0	0	1,800,000	1,800,000	0	0	0	3,756,516
221	Service Sustainability Investm										
		136,047	350,837	3,259,111	2,967,386	2,275,660	2,333,934	3,000,000	3,800,000	1,800,000	19,922,975
	Total	292,563	350,837	3,259,111	2,967,386	4,075,660	4,133,934	3,800,000	3,800,000	1,800,000	24,479,491

Historical Approved Budget		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2011	500,000	500,000	0
2012	500,000	500,000	0
2013	250,000	250,000	0
2014	550,000	550,000	0
2015	539,000	539,000	0
2016	250,000	250,000	0
2017	250,000	250,000	0
2018	140,000	140,000	0
2019	400,000	400,000	0

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
2011	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Roberta Harrison	Ongoing	
			Effective Date	Description	Exp/(Rev) FTE Impact
			Unknown	Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching and unscheduled maintenance as required.	0 0



Project Version Summary

Project #	OPS-003-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Bridge Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Ongoing maintenance and rehabilitation of existing bridges throughout the City, including bridges for roadways, railways, streams and drains and pedestrian bridges. The program funds rehabilitation of 59 bridges, 11 culverts with spans greater than 3m, 5 pedestrian bridges, and 1 subway. An annual expenditure of \$5-\$8 million is required to replace these bridges on a 50 to 75 year cycle.

Note: List may change subject to ongoing OSIM investigations as well as the results of Structural Condition Surveys. In addition, unexpected failures of structures may occur which would require reprioritization of rehabilitation.

Version Description

2020: \$3.399 million - EC Row at Dominion W/B (#116), EC Row at Dominion E/B (#117), Riverside at CPR (#113)
 2021: \$2.119 million - Various Structures being reviewed for priority
 2022: \$3.085 million - Various Structures being reviewed for priority
 2023: \$4.080 million - Various structures being reviewed for priority
 2024: \$0.500 million - Minor repairs on various structures (to be determined)
 2025: \$0.500 million - Engineering evaluation / design for Drouillard & Wyandotte (#206), minor repairs on various structures (to be determined)
 2026: \$2.500 million - Minor repairs on various structures (to be determined)
 2027: \$5.000 million - Wyandotte at CPR (#206)

Note: the Wyandotte at CPR (#206) structure was originally slotted in for full rehabilitation in 2022 at a cost of approximately \$15.0 million. A minor rehabilitation is being completed in 2017 that will allow the full rehabilitation to be deferred 10-years from completion to 2027.

Project Comments/Reference

Active: 7181022/ 7191021/ 7192010 /7201012

E.C. ROW PROJECTS:

(Closed: 7081025/7091023/7091024/7111003/7101004/7101011/7111021/7141026/7141027 /7141047/7151009/7151002)

BRIDGE PROJECTS:

(Closed: 7081025 / 7091024 / 7101004 / 7111003/ 7141047 / 7151009/ 7161028/ 7171018)

Version Comments

Potential Commitment: As per CR247/2019 Report C 81/2019 in regards to Connecting Links Grant Program, grant was approved on July 15, 2019. However, as of Aug 7, 2019 outcome of ICIP grant is still unknown. If ICIP is unsuccessful, as per the report this project will have commitments of \$1,000,000 in 2022 F169 and \$1,816,058 in 2023 F169.

NOTE: The E.C. Row Rehabilitation Project OPS-002-07 has now been closed. The budget requests for rehabilitation work for bridges/structures on E.C. Row have been consolidated into the existing city-wide bridge rehabilitation project OPS-003-07 and requests for rehabilitation work for the E.C. Row roadway have been consolidated into the existing city-wide road rehabilitation project OPS-001-07.

HISTORICAL APPROVED BUDGETS - E.C. ROW REHABILITATION (OPS002-07):

	REVENUE		
	Net City Cost	Subsidies	
2007	\$500,000	\$500,000	\$0
2008	\$500,000	\$500,000	\$0
2009	\$1,000,000	\$1,000,000	\$0
2010	\$1,000,000	\$1,000,000	\$0
2011	\$600,000	\$600,000	\$0
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$6,000,000	\$4,000,000	\$2,000,000
2015	\$3,000,000	\$3,000,000	\$0

PRE-COMMITMENT:

As per CR247/2019, Report #C 81/2019, should the ICIP grant not be successful, the City is committed to funding \$1m F169 in 2022 and \$1,816,058 F169 in 2023.

CR530/2019, Report C 186/2019 (Connecting Links Intake 5) went to Council on November 18, 2019 to pre-commit F176 2021 - \$915,000, 2022 - \$915,000, 2023 - \$919,930. This funding will be treated as placeholder funding until the grant is accepted. Related Questica Project OPS-008-20.

Of note, B8/2019 has resulted in some or all of the original PAYG funding to be identified as Service Sustainability F221 funding.

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	3,399,000	3,399,000	0	5410	Construction Contracts - TCA									
2021	2,119,000	2,119,000	0		3,399,000	2,119,000	3,085,000	4,080,070	500,000	500,000	2,500,000	5,000,000	4,500,000	25,683,070
2022	3,085,000	3,085,000	0		Total									
2023	4,080,070	4,080,070	0		3,399,000	2,119,000	3,085,000	4,080,070	500,000	500,000	2,500,000	5,000,000	4,500,000	25,683,070
2024	500,000	500,000	0	Revenues										
2025	500,000	500,000	0	115	Dev Chg - Roads & Related									
2026	2,500,000	2,500,000	0		566,500	0	0	0	0	0	0	0	0	566,500
2027	5,000,000	5,000,000	0	176	Federal Gas Tax Rebate									
2028+	4,500,000	4,500,000	0		2,832,500	2,119,000	2,085,000	2,264,012	500,000	500,000	500,000	3,800,000	4,500,000	19,100,512
	25,683,070	25,683,070	0	221	Service Sustainability Investm									
					0	0	1,000,000	1,816,058	0	0	2,000,000	1,200,000	0	6,016,058
					Total									
					3,399,000	2,119,000	3,085,000	4,080,070	500,000	500,000	2,500,000	5,000,000	4,500,000	25,683,070
Historical Approved Budget														
Year	Total Expense	Net City Cost	Subsidies											
2007	1,550,000	1,550,000	0											
2008	1,450,000	1,450,000	0											
2009	2,500,000	2,500,000	0											
2010	2,379,000	2,379,000	0											
2011	800,000	800,000	0											
2015	500,000	500,000	0											
2016	4,000,000	4,000,000	0											
2017	4,000,000	4,000,000	0											
2018	2,500,000	2,500,000	0											
2019	3,200,000	3,200,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching and unscheduled maintenance as required.								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2007	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %		Phong Nguy / Michael Cappucci				Ongoing						



Project Version Summary

Project #	OPS-004-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Sidewalk Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This program covers the rehabilitation of existing sidewalks citywide. There are 948 kms of sidewalks in the City, of which 12 kms are in "Poor" condition and 99 kms are in "Fair" condition. Based on a 40-year replacement cycle, the perpetual annual cost for the replacement of this infrastructure is approximately \$2.6 million. This would be in addition to the approximately \$12.8 million required to address all "Poor" and "Fair" sidewalks and to widen the sidewalks to AODA standards at the time of replacement. From a risk management point of view, funding should be increased to reduce trip and fall claims.

Effective January 1, 2016, the Accessibility for Ontarians with Disabilities Act (AODA) required width of sidewalks to increase from 1.2 meters to 1.5 meters. This increases the cost of sidewalk replacements. As the change is implemented, Administration is including the increased costs in budget projections.

This program also includes Collector and Arterial roads which do not currently meet the City policy related to the provision of sidewalks. This funding is to be used to fund the construction of sidewalks on streets that do not meet current policy requirements.

Project Comments/Reference

See Document Attached

(Closed:
7091025/7101003/7111022/7121007/7131115/7141028/7151011/7161029/7171019
Active: 7181023/7191006/ 7191030/ 7201013

Version Description

Because the 8-Year Capital Budget does not fully address immediate needs, the annual sidewalk inspection and condition assessment program as well as additional liability claims will influence replacements in 2020 and beyond.

Version Comments

F169 funds in years 2020 through 2024 have been transferred to new 2020 Project OPS-007-20 per C79/2019 for application of ICIP funding for City Wide Sidewalks. 2020 - \$210,703 transferred, 2021 - \$240,803 transferred, 2022 - \$451,506 transferred, 2023 - \$451,506 transferred. Should the City be unsuccessful in their intake 1 application, the funding transfers will be put back in the Sidewalk Rehabilitation Program OPS-004-07.

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	489,297	489,297	0	5410	Construction Contracts - TCA									
2021	559,197	559,197	0		489,297	559,197	1,048,494	1,048,494	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	10,645,482
2022	1,048,494	1,048,494	0		Total									
2023	1,048,494	1,048,494	0		489,297	559,197	1,048,494	1,048,494	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	10,645,482
2024	1,500,000	1,500,000	0	Revenues										
2025	1,500,000	1,500,000	0	176	Federal Gas Tax Rebate									
2026	1,500,000	1,500,000	0		0	0	171,000	941,000	342,000	342,000	0	0	0	1,796,000
2027	1,500,000	1,500,000	0	221	Service Sustainability Investm									
2028+	1,500,000	1,500,000	0		489,297	559,197	877,494	107,494	1,158,000	1,158,000	1,500,000	1,500,000	1,500,000	8,849,482
	10,645,482	10,645,482	0		Total									
					489,297	559,197	1,048,494	1,048,494	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	10,645,482
Historical Approved Budget														
		Revenue												
Year	Total Expense	Net City Cost	Subsidies											
2007	950,000	950,000	0											
2008	850,000	850,000	0											
2009	2,000,000	2,000,000	0											
2010	2,000,000	2,000,000	0											
2011	1,250,000	0	1,250,000											
2012	1,200,000	1,200,000	0											
2013	250,000	250,000	0											
2014	400,000	400,000	0											
2015	1,350,000	1,350,000	0											
2016	500,000	500,000	0											
2017	500,000	500,000	0											
2018	317,500	317,500	0											
2019	700,000	700,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	Insufficient budget approval will result in increased operating costs and claims.								0	0
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2007	January 2, 2015	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci	Ongoing										

PROPOSED SIDEWALK REHABILITATION 8 YEAR PROGRAM - 2020 to 2027 (Alphabetical Listing)			
STREET	FROM	TO	SIDE OF STREET
ALEXIS	ST.JULIEN	MONS	E/W
BERNARD	GRAND MARAIS	JOINVILLE	W
BERNARD	JOINVILLE	BERNARD	W
BROCK	BLOOMFIELD	EDISON	E/W
BUCKINGHAM	LASSALINE	CORONATION	E/W
CAMPBELL	UNIVERSITY	WYANDOTTE ST. W.	E/W
CARON	PARK	WYANDOTTE	E
CENTRAL	GUY	TECUMSEH	W
CHATHAM	LANGLOIS	PARENT	N/S
CHATHAM	PELISSIER	FERRY	N
CHATHAM	OUELLETTE	GOYEAU	N
CHILVER	TECUMSEH	LENS	E
CRAWFORD	ERIE	GROVE	W
DOMINION	WEST GRAND	NORFOLK	W
DOT	GIRARDOT	MANCHESTER	W
DOUGALL	ERIE	PINE	E
DROUILLARD	WYANDOTTE	EDNA	E/W
EDNA	WALKER	MONTREUIL	S

STREET	FROM	TO	SIDE OF STREET
ELLIS	BRUCE	DOUGALL	N/S
ELM	WYANDOTTE	DEAD END	E
ELSMERE	ELLIOT	NIAGARA	E/W
ELSMERE	NIAGARA	ERIE	E/W
ERIE	HALL	MOY	N/S
ERIE	MOY	GLADSTONE	N/S
ERIE	GLADSTONE	LINCOLN	N/S
ERIE	LINCOLN	ERIE	N/S
FAUST	HIGH	LAURENDEAU	S
FERNDALE	EMPRESS	TECUMSEH	W
FORD	LASSALINE	CORONATION	E/W
FOREST GLADE	MULBERRY	ELMWOOD	E
FOREST GLADE	WILDWOOD	ROSEBRIAR	S
FRANCOIS	DEAD END	FRANKLIN	E
FRANCOIS	ALICE	MILLOY	E/W
FRANCOIS	REGINALD	ALICE	W
GRAND	PILLETTE	PRINCESS	N
GRAND MARAIS	RIVIERA	GLENWOOD	N
GRAND MARAIS	GLENWOOD	MARK	N
GRAND MARAIS	MARK	EVERTS	N
GRAND MARAIS	EVERTS	CURRY	N
GRAND MARAIS	ALLYSON	GEORGE	N

STREET	FROM	TO	SIDE OF STREET
GRANDVIEW	RIVARD	MCPHON	S
HANNA	YORK	BRUCE	S
HICKORY	ONTARIO	HICKORY	E
HOWARD	HYDE	LOGAN	E/W
HOWARD	SOUTH CAMERON	KENILWORTH	E
HOWARD	KENILWORTH	MAGUIRE	E
HOWARD	MAGUIRE	SANDISON	E
HURON CHURCH	UNIVERSITY	PETER	W
HURON CHURCH	PETER	DONELLY	W
HURON CHURCH	DONELLY	WYANDOTTE	W
HURON CHURCH	MALDEN	NORTHWOOD	E/W
INDIAN	WYANDOTTE	MILL	E
IROQUOIS	KILDARE	ARGYLE	N/S
JANETTE	GILES	PINE	W
JANETTE	ERIE	PINE	W
JEFFERSON	TECUMSEH	ROSE	E
JEFFERSON	LASSALINE	1867 JEFFERSON	W
KILDARE	LENS	VIMY	W
KILDARE	WYANDOTTE	TUSCARORA	E/W
KILDARE	VIMY	YPRES	W
LABADIE	SEMINOLE	REGINALD	W
LAURENDEAU	FAUST	ONTARIO	E

STREET	FROM	TO	SIDE OF STREET
LAUZON	MCHUGH	TECUMSEH/EASTTOWN MALL	W
LITTLE RIVER	LAPORTE	WATSON	N
LOCKE	LYNN	3850 LOCKE (@ SOUTH P/L)	E
LONGFELLOW	GRAND MARAIS	LONGFELLOW	W
MARION	ERIE	NIAGARA	E/W
MATCHETTE	MELBOURNE	STRATHMORE	E/W
MATCHETTE	STRATHMORE	CUL DE SAC	E/W
MCDOUGALL	MONARCH	HOLDEN	W
MCKAY	RIVERSIDE	UNIVERSITY	W
MERCER	ELLIOT	BROADHEAD	W
METCALFE	HENRY FORD CENTRE	METCALFE	S
MILLOY	ALEXIS	CHANDLER	S
MONMOUTH	CATARAQUI	NIAGARA	E/W
MOY	TECUMSEH	LENS	E
ONTARIO	ALLEY	MONMOUTH	S
PELISSIER	MONTROSE	ELLIS	E
PILLETTE	WYANDOTTE ST. E.	ONTARIO	E/W
PITT	BRUCE	JANETTE	N
PLYMOUTH	TOURNAGEAU	ROBERT	N
PLYMOUTH	ROBERT	PILLETTE	N
RANKIN	UNIVERSITY	WYANDOTTE	E/W
RANKIN	WYANDOTTE	UNION	E

STREET	FROM	TO	SIDE OF STREET
RIVARD	ROSE	JOINVILLE	W
RIVARD	JOINVILLE	HAIG	W
RIVARD	HAIG	GRAND	W
RIVERSIDE	HURON CHURCH	ROSEDALE	N
RIVERSIDE	PATRICE	ST. ROSE	S
ROSEBRIAR	FOREST GLADE	WILDWOOD	W
ROSEVILLE GARDEN	TECUMSEH	CHARLIE BROOKS	E/W
ROSEVILLE GARDEN	CHARLIE BROOKS	VINE	E/W
ROSEVILLE GARDEN	VINE	THORNBERRY	N/S
ROSEVILLE GARDEN	THORNBERRY	THORNBERRY	N/S
ROSEVILLE GARDEN	THORNBERRY	JEFFERSON	N/S
SANDWICH	52M S/O JOHN B	PROSPECT	W
SEMINOLE	WALKER	ST LUKE	N
SHERWAY	ESPLANADE	ASGARD	W
SHERWAY	ASGARD	RIDGE	W
SOUTHDALE	GRAND MARAIS	SLATER	W
ST. LOUIS	WYANDOTTE ST. E.	ONTARIO	E/W
ST. LUKE	MILLOY	TECUMSEH	E/W
ST. PATRICK'S	ST. PATRICK'S	ASKIN	WALKWAY
ST. PAUL	WYANDOTTE	ST. ROSE	E/W
TECUMSEH	PENANG	FOREST GLADE	N
TECUMSEH	SOUTH PACIFIC	MUNICIPAL LANE	N

STREET	FROM	TO	SIDE OF STREET
TRENTON	DROUILLARD	CADILLAC (HENRY FORD CENTRE)	N
TURNER	VIMY	YPRES	E/W
UNIVERSITY	DOUGALL	CHURCH	N/S
UNIVERSITY	VISTA	HURON CHURCH	N
VICTORIA	CHATHAM	UNIVERSITY	E
WALKER	NIAGARA	RICHMOND	W
WALKER	SEMINOLE	MUNSEE	W
WEST GRAND	DOUGALL	DOMINION	S
WESTMINSTER	TECUMSEH	ADSTOLL	E/W
WHELPTON	DROUILLARD	HENRY FORD CENTRE	N
WILDWOOD	HALPIN	ROBINET	N/S
WILDWOOD	BEACHDALE	REGIS	N
WILDWOOD	DEERBROOK	HALPIN	S
WOODLAWN	LENS	VIMY	E/W
WYANDOTTE	CRAWFORD	OAK	N
WYANDOTTE	MCKAY	CURRY	N
N	NORTH SIDE		
S	SOUTH SIDE		
E	EAST SIDE		
W	WEST SIDE		
CURB	AND Reconstruction of Curb & Gutter		
NOTE: Sidewalk Segments will be prioritized in coordination with other Capital Projects, Road Rehabs and			



Project Version Summary

Project #	OPS-005-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Railway Lands Fencing		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
Install and maintain fencing at key locations along railway lands to prevent trespassing (annual general allotment to be based on needs analysis).															
Project Comments/Reference				Version Comments											
7045005															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	75,000	75,000	0	5410	Construction Contracts - TCA										
2021	0	0	0		75,000	0	100,000	100,000	250,000	250,000	250,000	250,000	250,000	1,525,000	
2022	100,000	50,000	50,000		Total	75,000	0	100,000	100,000	250,000	250,000	250,000	250,000	1,525,000	
2023	100,000	50,000	50,000	Revenues											
2024	250,000	125,000	125,000	169	Pay As You Go - Capital Reserve										
2025	250,000	125,000	125,000		75,000	0	50,000	50,000	125,000	125,000	125,000	125,000	125,000	800,000	
2026	250,000	125,000	125,000	6735	Recovery Of Expenses EXTERNAL										
2027	250,000	125,000	125,000		0	0	50,000	50,000	125,000	125,000	125,000	125,000	125,000	725,000	
2028+	250,000	125,000	125,000		Total	75,000	0	100,000	100,000	250,000	250,000	250,000	250,000	1,525,000	
	1,525,000	800,000	725,000												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2008	100,000	50,000	50,000												
2009	100,000	50,000	50,000												
2010	100,000	50,000	50,000												
2011	100,000	50,000	50,000												
2014	100,000	50,000	50,000												
2018	100,000	50,000	50,000												
2019	100,000	50,000	50,000												
Related Projects				Operating Budget Impact											
				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	Ongoing maintenance of any new fencing is required								0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead			Est. Completion Date									
2007	January 1, 2018	Growth: 100.0 % Maintenance: 0.0 %	Phong Nguy			Ongoing									



Project Version Summary

Project #	OPS-005-19	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Gravel Alley Drainage Improvements		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
The City has approximately 149km of In Service Alleys. Of the 149km, approximately 69km are unpaved. Over the course of time, as a result of routine maintenance and various construction activities, drainage in many of the unpaved alleys has become an issue leading to improper drainage, standing water and flooding on private property. In order to address these concerns, it is often necessary to install additional drainage, lower the existing grades to promote drainage, or remove damaged areas in the alleys. Alley condition ratings and residential complaints are used to track problem alleys requiring remedial works. This fund would be used to address alley areas of concern.															
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	0	0	0		0	0	0	0	0	0	0	0	300,000	300,000	
2022	0	0	0	Total	0	0	0	0	0	0	0	0	300,000	300,000	
2023	0	0	0	Revenues											
2024	0	0	0	028 Sewer Surcharge											
2025	0	0	0		0	0	0	0	0	0	0	0	300,000	300,000	
2026	0	0	0	Total	0	0	0	0	0	0	0	0	300,000	300,000	
2027	0	0	0												
2028+	300,000	300,000	0												
	300,000	300,000	0												
Historical Approved Budget				Operating Budget Impact											
				Effective Date	Description							Exp/(Rev)	FTE Impact		
				Unknown	Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching, and unscheduled maintenance as required.							0	0		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2019	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Phong Nguy / Roberta Harrison	Ongoing											



Project Version Summary

Project #	OPS-006-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	"At-Grade" Railway Crossings		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This program is used to provide improvements and rehabilitation for all 61 of the city's 'At Grade' railway crossings. The City of Windsor, by order of the Canadian Transportation Agency, is required to cost share with the maintenance with the railways. Placeholder amounts are to be used as needs arise. There are annual federal cost sharing opportunities available for at-grade rail crossing upgrades. Due to amendments to the Grade Crossing Regulations introduced by Transport Canada in 2014, all required maintenance to at-grade crossings will need to be completed by November 2021. In order to increase our opportunity to receive federal cost sharing, Administration recommends that required rehabilitation be identified, applicable funding be applied for, and required maintenance scheduled as early as possible. It is anticipated that an additional \$600,000 will be required to complete the rehabilitation and bring all the at-grade crossings up to standards.

Project Comments/Reference

Closed: 7085009/7163002
Open: 7163003/7179001

Version Description

Proposed Railway Crossings:

- Walker Road at the VIA station
- Jefferson CNR
- 7th Concession CNR

Version Comments

PRE-COMMITMENT:
CR742/2016, Report # C 224/2016 approved a \$45,000 grant for Education and Awareness under the Railway Safety Improvement Program and pre-commits the funding in 2020.

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	85,000	72,500	12,500	5410	Construction Contracts - TCA									
2021	200,000	100,000	100,000		85,000	200,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,160,000
2022	125,000	100,000	25,000		Total									
2023	125,000	100,000	25,000		85,000	200,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,160,000
2024	125,000	100,000	25,000	Revenues										
2025	125,000	100,000	25,000	221	Service Sustainability Investm									
2026	125,000	100,000	25,000		72,500	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	872,500
2027	125,000	100,000	25,000	6735	Recovery Of Expenses EXTERNAL									
2028+	125,000	100,000	25,000		12,500	100,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	287,500
	1,160,000	872,500	287,500		Total									
					85,000	200,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,160,000
Historical Approved Budget														
		Revenue												
Year	Total Expense	Net City Cost	Subsidies											
2008	62,500	50,000	12,500											
2009	62,500	50,000	12,500											
2010	62,500	50,000	12,500											
2011	62,500	50,000	12,500											
2014	50,000	25,000	25,000											
2016	200,000	100,000	100,000											
2017	100,000	100,000	0											
2018	275,000	137,500	137,500											
2019	343,125	325,000	18,125											
Related Projects				Operating Budget Impact										
Follows		Project Title		Effective Date	Description							Exp/(Rev)	FTE Impact	
OPS-004-16		Rail Crossing Safety Assessments		Unknown	No Operating Budget Impact							0	0	
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2007	January 1, 2018	Growth: 0.0 % Maintenance: 100.0 %		Phong Nguy				Ongoing						



Project Version Summary

Project #	OPS-007-20	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	ICIP - City Wide Sidewalks (Intake 1)		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
C79/2019				City funding for this project has been transferred in from the Sidewalk Rehabilitation Project OPS-004-07. Should the City be unsuccessful in their intake 1 application, the funding will be transferred back to OPS-004-07.											
Project Comments/Reference				Version Comments											
				F169 PYG funding included in the 2019 component of the ICIP submission is \$83,619.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	790,037	210,703	579,334	5410	Construction Contracts - TCA										
2021	902,899	240,803	662,096		790,037	902,899	1,692,937	1,692,937	0	0	0	0	0	0	5,078,810
2022	1,692,937	451,506	1,241,431	Total											
2023	1,692,937	451,506	1,241,431		790,037	902,899	1,692,937	1,692,937	0	0	0	0	0	0	5,078,810
2024	0	0	0	Revenues											
2025	0	0	0	221	Service Sustainability Investm										
2026	0	0	0		210,703	240,803	451,506	451,506	0	0	0	0	0	0	1,354,518
2027	0	0	0	6310	Ontario Specific Grants										
2028+	0	0	0		263,319	300,936	564,256	564,256	0	0	0	0	0	0	1,692,767
	5,078,810	1,354,518	3,724,292	6320	Canada Specific Grants										
					316,015	361,160	677,175	677,175	0	0	0	0	0	0	2,031,525
				Total											
					790,037	902,899	1,692,937	1,692,937	0	0	0	0	0	0	5,078,810
Historical Approved Budget				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020		Project Lead						Est. Completion Date					
2020	July 1, 2019	Growth: 0.0 % Maintenance: 100.0 %		Phong Nguy / Michael Cappucci						2025					



Project Version Summary

Project #	OPS-008-16	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Devon Dr. Reconstruction - South Service Rd. to Sydney Ave.		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description				Version Description											
In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration.															
Project Comments/Reference				Version Comments											
7161052				PRE-COMMIMENT: CR560/2016, Report C 141/2016 approved a pre-commitment of \$1,500,000 in 2020 from the 2016 Enhanced Capital Budget.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	1,500,000	1,500,000	0	5410	Construction Contracts - TCA										
2021	0	0	0		1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
2022	0	0	0												
2023	0	0	0												
2024	0	0	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	0	0	0												
	1,500,000	1,500,000	0		1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead						Est. Completion Date						
2016	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci						2018						



Project Version Summary

Project #	OPS-008-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Rossini Reconstruction - Tecumseh to Griffin		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 5		
Version Name	Main (Active)		

Project Description				Version Description											
As per the approved 2017 enhanced Capital Budget 5-year plan.															
Project Comments/Reference				Version Comments											
7171068				PRE-COMMITMENT: CR201/2017, Report # C 49/2017 approved a pre-commitment of \$300,000 in 2021.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	300,000	300,000	0			0	300,000	0	0	0	0	0	0	0	300,000
2022	0	0	0	Total		0	300,000	0	0	0	0	0	0	0	300,000
2023	0	0	0	Revenues											
2024	0	0	0	221 Service Sustainability Investm											
2025	0	0	0			0	300,000	0	0	0	0	0	0	0	300,000
2026	0	0	0	Total		0	300,000	0	0	0	0	0	0	0	300,000
2027	0	0	0												
2028+	0	0	0												
	300,000	300,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2017	January 23, 2017	Growth: 0.0 % Maintenance: 0.0 %		Phong Nguy / Michael Cappucci					2018						



Project Version Summary

Project #	OPS-009-16	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	North Service Rd. Reconstruction		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 10		
Version Name	Main (Active)		

Project Description				Version Description											
In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration.															
Project Comments/Reference				Version Comments											
7161053				PRE-COMMITMENT: CR561/2016, Report # C 141/2016 approved a pre-commitment of \$2,100,000 in 2020 from the 2016 Enhanced Capital Budget.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	2,100,000	2,100,000	0	5410	Construction Contracts - TCA										
2021	0	0	0		2,100,000	0	0	0	0	0	0	0	0	2,100,000	
2022	0	0	0		Total										2,100,000
2023	0	0	0	Revenues											
2024	0	0	0	221	Service Sustainability Investm										
2025	0	0	0		2,100,000	0	0	0	0	0	0	0	0	2,100,000	
2026	0	0	0		Total										2,100,000
2027	0	0	0		2,100,000	0	0	0	0	0	0	0	0	2,100,000	
2028+	0	0	0												
	2,100,000	2,100,000	0												
Historical Approved Budget				Operating Budget Impact											
				Effective Date	Description							Exp/(Rev)	FTE Impact		
				Unknown	Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching, and unscheduled maintenance as required.						0	0			
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2016	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci	2018											



Project Version Summary

Project # OPS-009-17 **Service Area** Office of the City Engineer
Budget Year 2020 **Department** Public Works
Asset Type Unassigned **Division** Contracts, Field Services & Maintenance

Title Reginald Street Reconstruction - Rossini to Francois
Budget Status Council Approved Budget
Major Category Roads Infrastructure
Wards Ward 5
Version Name Main (Active)

Project Description As per the approved 2017 enhanced Capital Budget 5-year plan.			Version Description										
Project Comments/Reference 7171069			Version Comments PRE-COMMITMENT: CR201/2017, Report # C 49/2017 approved a pre-commitment of \$280,000 in 2021.										
Project Forecast			Project Detailed Forecast										
	Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies										
2020	0	0	0										
2021	280,000	280,000	0										
2022	0	0	0										
2023	0	0	0										
2024	0	0	0										
2025	0	0	0										
2026	0	0	0										
2027	0	0	0										
2028+	0	0	0										
	280,000	280,000	0										
Historical Approved Budget													
Related Projects			Operating Budget Impact										
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date					
2017	January 23, 2017	Growth: 0.0 % Maintenance: 0.0 %	Phong Nguy / Michael Cappucci					2017					



Project Version Summary

Project #	OPS-009-20	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Connecting Links Intake 5 Project - Huron Church Rd.		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 2		
Version Name	Main (Active)		

Project Description				Version Description											
<p>Reconstruction of Huron Church Road from Girardot to the ETR railway racks north of College Avenue as well as road panel and median repairs from Girardot to Tecumseh. This work involves removing 14" of the current concrete and stone, and replacing with 16" granular A base, a 4" drainage layer topped by 12" of concrete. Administration is proposing to proceed with the conventional 12" heavy duty concrete road cross-section, the same design used to reconstruct the phase of Huron Church Road from Malden Road to Pool Avenue funded by Connecting Links Intake 4. The reconstruction of traffic signals at 2 intersections (Tecumseh and College), median concrete wall repairs, the installation of a new 75mm conduit with 48 SM fibre to replace the existing fibre and watermain replacements from College to Tecumseh will be coordinated with this road repair.</p> <p>The project will span two fiscal years with engineering and design work occurring in 2020 while the reconstruction work is expected to begin in the spring of 2021 and be completed in the Fall of 2021.</p> <p>This section of road is constantly impacted by the volume of heavy commercial truck traffic which has adversely impacted the road and expedited the deterioration.</p>				<p>The total cost for this project is expected to be \$6.0M (including non-recoverable HST) excluding the Windsor Utilities Commission (WUC) watermain component as watermain work is ineligible for this grant funding. Should the City be successful in obtaining Connecting Link funding of \$3M for the Tecumseh Road to College Avenue section, the City would be required to commit approximately \$3M (50% of total costs) to complete the City's work. As is standard practice, the watermain component will be funded by WUC.</p>											
Project Comments/Reference				Version Comments											
				Refer to Report # C 186/2019.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	995,000	995,000	0		0	995,000	995,000	1,019,930	0	0	0	0	0	3,009,930	
2022	995,000	995,000	0												
2023	1,019,930	1,019,930	0												
2024	0	0	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	0	0	0												
	3,009,930	3,009,930	0												
				Revenues											
				176	Federal Gas Tax Rebate										
					0	915,000	915,000	919,930	0	0	0	0	0	2,749,930	
				221	Service Sustainability Investm										
					0	80,000	80,000	100,000	0	0	0	0	0	260,000	
					0	995,000	995,000	1,019,930	0	0	0	0	0	3,009,930	
Historical Approved Budget				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						

2020	April 1, 2020	Growth: 0.0 % Maintenance: 0.0 %	Phong Nguy / Michael Cappucci	2021
------	---------------	----------------------------------	-------------------------------	------



Project Version Summary

Project #	OPS-010-16	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Wyandotte St. Mill and Pave - Watson Ave. to Riverdale Ave.		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 6		
Version Name	Main (Active)		

Project Description				Version Description											
In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration.															
Project Comments/Reference				Version Comments											
7161054				PRE-COMMITMENT: CR563/2016, Report # C 141/2016 approved a pre-commitment of \$300,000 in 2020 from the 2016 Enhanced Capital Budget.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	300,000	300,000	0	5410	Construction Contracts - TCA										
2021	0	0	0		300,000	0	0	0	0	0	0	0	0	0	300,000
2022	0	0	0		Total	300,000	0	0	0	0	0	0	0	0	300,000
2023	0	0	0	Revenues											
2024	0	0	0	221	Service Sustainability Investm										
2025	0	0	0		300,000	0	0	0	0	0	0	0	0	0	300,000
2026	0	0	0		Total	300,000	0	0	0	0	0	0	0	0	300,000
2027	0	0	0												
2028+	0	0	0												
	300,000	300,000	0												
Historical Approved Budget				Operating Budget Impact											
				Effective Date	Description							Exp/(Rev)	FTE Impact		
				Unknown	Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching, and unscheduled maintenance as required.						0	0			
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2016	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci	2017											



Project Version Summary

Project #	OPS-010-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Tranby Reconstruction		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 6		
Version Name	Main (Active)		

Project Description				Version Description											
As per the approved 2017 enhanced Capital Budget 5-year plan.															
Project Comments/Reference				Version Comments											
7171071				PRE-COMMITMENT: CR201/2017, Report # C 49/2017 approved a pre-commitment of \$1,200,000 in 2021.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	1,200,000	1,200,000	0		0	1,200,000	0	0	0	0	0	0	0	1,200,000	
2022	0	0	0	Total	0	1,200,000	0	0	0	0	0	0	0	1,200,000	
2023	0	0	0	Revenues											
2024	0	0	0	221 Service Sustainability Investm											
2025	0	0	0		0	1,200,000	0	0	0	0	0	0	0	1,200,000	
2026	0	0	0	Total	0	1,200,000	0	0	0	0	0	0	0	1,200,000	
2027	0	0	0												
2028+	0	0	0												
	1,200,000	1,200,000	0												
Historical Approved Budget				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead						Est. Completion Date						
2017	January 23, 2017	Growth: 0.0 % Maintenance: 0.0 %	Phong Nguy / Michael Cappucci						2018						



Project Version Summary

Project #	OPS-013-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Reginald Street Reconstruction - Norman to Westminster		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 8		
Version Name	Main (Active)		

Project Description				Version Description											
As per the approved 2017 enhanced Capital Budget 5-year plan.															
Project Comments/Reference				Version Comments											
7171080				PRE-COMMITMENT: CR201/2017, Report # C 49/2017 approved a pre-commitment of \$390,000 in 2021.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2020	0	0	0												
2021	390,000	390,000	0												
2022	0	0	0												
2023	0	0	0												
2024	0	0	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	0	0	0												
	390,000	390,000	0												
Historical Approved Budget															
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2017	January 23, 2017	Growth: 0.0 % Maintenance: 0.0 %	Phong Nguy / Michael Cappucci	Summer of 2017											



Project Version Summary

Project # OPS-014-17 **Service Area** Office of the City Engineer
Budget Year 2020 **Department** Public Works
Asset Type Unassigned **Division** Contracts, Field Services & Maintenance

Title Alice Street Mill and Pave - Norman to Polonia Park
Budget Status Council Approved Budget
Major Category Roads Infrastructure
Wards Ward 8
Version Name Main (Active)

Project Description As per the approved 2017 enhanced Capital Budget 5-year plan.			Version Description																		
Project Comments/Reference 7171081			Version Comments PRE-COMMITMENT: CR201/2017, Report # C 49/2017 approved a pre-commitment of \$35,000 in 2021.																		
Project Forecast			Project Detailed Forecast																		
		Revenue																			
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total							
2020	0	0	0	Expenses																	
2021	35,000	35,000	0	5410 Construction Contracts - TCA																	
2022	0	0	0	0 35,000 0 0 0 0 0 0 0 0 0 0 0 35,000																	
2023	0	0	0	Total 0 35,000 0 0 0 0 0 0 0 0 0 0 0 35,000																	
2024	0	0	0	Revenues																	
2025	0	0	0	221 Service Sustainability Investm																	
2026	0	0	0	0 35,000 0 0 0 0 0 0 0 0 0 0 0 35,000																	
2027	0	0	0	Total 0 35,000 0 0 0 0 0 0 0 0 0 0 0 35,000																	
2028+	0	0	0																		
	35,000	35,000	0																		
Historical Approved Budget			Operating Budget Impact																		
Related Projects																					
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date													
2017	January 23, 2017	Growth: 0.0 % Maintenance: 0.0 %	Phong Nguy / Michael Cappucci					Summer of 2017													



Project Version Summary

Project #	OPS-015-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Coronation Street Mill and Pave - Jefferson to Cul-de-sac		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 8		
Version Name	Main (Active)		

Project Description				Version Description											
As per the approved 2017 enhanced Capital Budget 5-year plan.															
Project Comments/Reference				Version Comments											
7171082				PRE-COMMITMENT: CR201/2017, Report # C 49/2017 approved a pre-commitment of \$55,000 in 2021.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	55,000	55,000	0		0	55,000	0	0	0	0	0	0	0	55,000	
2022	0	0	0	Total	0	55,000	0	0	0	0	0	0	0	55,000	
2023	0	0	0	Revenues											
2024	0	0	0	221 Service Sustainability Investm											
2025	0	0	0		0	55,000	0	0	0	0	0	0	0	55,000	
2026	0	0	0	Total	0	55,000	0	0	0	0	0	0	0	55,000	
2027	0	0	0												
2028+	0	0	0												
	55,000	55,000	0												
Historical Approved Budget				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2017	January 23, 2017	Growth: 0.0 % Maintenance: 0.0 %	Phong Nguy / Michael Cappucci	2017											



Project Version Summary

Project #	OPS-016-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Devon Drive Reconstruction - Sydney to South Service		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description				Version Description											
As per the approved 2017 enhanced Capital Budget 5-year plan.				As per the approved 2017 enhanced Capital Budget 5-year plan. Funding available in 2021.											
Project Comments/Reference				Version Comments											
7161052				PRE-COMMITMENT: CR201/2017, Report # C 49/2017 approved a pre-commitment of \$800,000 in 2021.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	800,000	800,000	0			0	800,000	0	0	0	0	0	0	0	800,000
2022	0	0	0												
2023	0	0	0												
2024	0	0	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	0	0	0												
	800,000	800,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2017	January 23, 2017	Growth: 0.0 % Maintenance: 0.0 %		Phong Nguy / Michael Cappucci					2018						



Project Version Summary

Project #	OPS-017-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Northwood Reconstruction - Northwood to Northway		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 10		
Version Name	Main (Active)		

Project Description				Version Description											
As per the approved 2017 enhanced Capital Budget 5-year plan.															
Project Comments/Reference				Version Comments											
7171085				PRE-COMMITMENT: CR201/2017, Report # C 49/2017 approved a pre-commitment of \$500,000 in 2021.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	500,000	500,000	0			0	500,000	0	0	0	0	0	0	0	500,000
2022	0	0	0	Total		0	500,000	0	0	0	0	0	0	0	500,000
2023	0	0	0	Revenues											
2024	0	0	0	221 Service Sustainability Investm											
2025	0	0	0			0	500,000	0	0	0	0	0	0	0	500,000
2026	0	0	0	Total		0	500,000	0	0	0	0	0	0	0	500,000
2027	0	0	0												
2028+	0	0	0												
	500,000	500,000	0												
Historical Approved Budget				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead			Est. Completion Date									
2017	January 23, 2017	Growth: 0.0 % Maintenance: 0.0 %	Phong Nguy / Michael Cappucci			Fall of 2017									



Project Version Summary

Project # OPS-026-17 **Service Area** Office of the City Engineer
Budget Year 2020 **Department** Public Works
Asset Type Unassigned **Division** Contracts, Field Services & Maintenance

Title Lake Trail Drive Mill and Pave
Budget Status Council Approved Budget
Major Category Roads Infrastructure
Wards Ward 1
Version Name Main (Active)

Project Description			Version Description												
As per the approved 2017 enhanced Capital Budget 5-year plan.															
Project Comments/Reference			Version Comments												
7171062			PRE-COMMITMENT: CR201/2017, Report # C 49/2017 approved a pre-commitment of \$400,000 in 2021.												
Project Forecast			Project Detailed Forecast												
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	400,000	400,000	0			0	400,000	0	0	0	0	0	0	0	400,000
2022	0	0	0			<hr/>									
2023	0	0	0	Total		0	400,000	0	0	0	0	0	0	0	400,000
2024	0	0	0	Revenues											
2025	0	0	0	221 Service Sustainability Investm											
2026	0	0	0			0	400,000	0	0	0	0	0	0	0	400,000
2027	0	0	0			<hr/>									
2028+	0	0	0	Total		0	400,000	0	0	0	0	0	0	0	400,000
	400,000	400,000	0												
Historical Approved Budget															
Related Projects			Operating Budget Impact												
Year Identified	Start Date	Project Type for 2020	Project Lead				Est. Completion Date								
2017	January 23, 2017	Growth: 0.0 % Maintenance: 0.0 %	Phong Nguy / Michael Cappucci				2017								



Project Version Summary

Project #	OPS-028-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Concrete Road Panel Repair Program		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
A new program will be established for repair of concrete road panels on arterial and collector roads throughout the City. These repairs are too large in scope to be considered a minor repair and are not full road rehabilitations, but significant funding is required to undertake these types of repairs. The City has 181 lane km's of concrete arterial and collector roadways (including Riverside Dr.). Many of the required panel repairs are needed to extend them through their life cycle and prevent them from requiring total reconstruction earlier than planned.															
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	0	0	0		0	0	895,000	1,500,000	1,500,000	500,000	1,500,000	1,500,000	1,500,000	8,895,000	
2022	895,000	895,000	0	Total	0	0	895,000	1,500,000	1,500,000	500,000	1,500,000	1,500,000	1,500,000	8,895,000	
2023	1,500,000	1,500,000	0	Revenues											
2024	1,500,000	1,500,000	0	221 Service Sustainability Investm											
2025	500,000	500,000	0		0	0	895,000	1,500,000	1,500,000	500,000	1,500,000	1,500,000	1,500,000	8,895,000	
2026	1,500,000	1,500,000	0	Total	0	0	895,000	1,500,000	1,500,000	500,000	1,500,000	1,500,000	1,500,000	8,895,000	
2027	1,500,000	1,500,000	0												
2028+	1,500,000	1,500,000	0												
	8,895,000	8,895,000	0												
Historical Approved Budget				Operating Budget Impact											
				Effective Date	Description									Exp/(Rev)	FTE Impact
				Unknown	Any budget deferral in approved funding will result in an increase in the operating costs for temporary road repairs and patching.									0	0
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2018	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Phong Nguy / Michael Cappucci					Ongoing						



Project Version Summary

Project #	OPS-029-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Curb Replacement Program		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
The City has approximately 1668 km's of curb and gutter on roadways. Many sections have been damaged or have reached their service life and require replacement. A new program has been established to allocate funding toward curb and gutter rehabilitation throughout the City. These repairs are too large in scope to be considered a minor concrete repair and are not full road rehabilitations but do require significant funding to maintain.															
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	0	0	0		0	0	600,000	0	300,000	300,000	300,000	300,000	300,000	2,100,000	
2022	600,000	600,000	0	Total	0	0	600,000	0	300,000	300,000	300,000	300,000	300,000	2,100,000	
2023	0	0	0	Revenues											
2024	300,000	300,000	0	028	Sewer Surcharge										
2025	300,000	300,000	0		0	0	300,000	0	300,000	300,000	300,000	300,000	300,000	1,800,000	
2026	300,000	300,000	0	221	Service Sustainability Investm										
2027	300,000	300,000	0		0	0	300,000	0	0	0	0	0	0	300,000	
2028+	300,000	300,000	0	Total	0	0	600,000	0	300,000	300,000	300,000	300,000	300,000	2,100,000	
	2,100,000	2,100,000	0												
Historical Approved Budget				Operating Budget Impact											
				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	Any budget deferral in approved funding will result in an increase in the operating costs for temporary repairs and patching.							0	0		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2018	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %	Phong Nguy / Michael Cappucci	Ongoing											



Project Version Summary

Project #	OPS-002-19	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Environmental Services
Title	Property Development at 3890 North Service Rd E		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 4		
Version Name	Main (Active)		

Project Description				Version Description										
During the 2017 flood, the City of Windsor was forced to rent property to temporarily store flood material until it could be hauled to landfill. This was done at a significant cost, and was less than ideal for nearby residents. The property used in 2017 is no longer available should another event occur requiring the same kind of temporary storage. This issue proposes to develop a section of City owned vacant land approximately 155m x 50m, adjacent to the Public Drop Off. The cost of development is estimated at \$790,000 and includes clearing, excavating, asphalt, ditching, drainage and other miscellaneous items.														
Project Comments/Reference				Version Comments										
Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5410 Construction Contracts - TCA										
2021	0	0	0		0	0	0	0	0	0	0	0	790,000	790,000
2022	0	0	0	Total	0	0	0	0	0	0	0	0	790,000	790,000
2023	0	0	0	Revenues										
2024	0	0	0	169 Pay As You Go - Capital Reserve										
2025	0	0	0		0	0	0	0	0	0	0	0	790,000	790,000
2026	0	0	0	Total	0	0	0	0	0	0	0	0	790,000	790,000
2027	0	0	0											
2028+	790,000	790,000	0											
	790,000	790,000	0											
Historical Approved Budget				Operating Budget Impact										
				Effective Date	Description							Exp/(Rev)	FTE Impact	
				2020-01-01	Approximate cost per event should a future event require temporary waste site accommodation such as the 2017 flood. Temporary sites also require MOEE approval which can be a lengthy process and/or difficult to obtain.							120,000	0	
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2019	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Anne Marie Albidone				2019						



Project Version Summary

Project #	OPS-006-19	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Environmental Services
Title	Food and Organic Waste Collection and Treatment		
Budget Status	Council Approved Budget		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
As reported to Council during January 15, 2018 Council meeting (C 218/2017 Waste-Free Ontario Act), the MOECC was proposing a ban on food and organic waste from landfill by the year 2022. As of April 30th, 2018, the MOECC released the finalized Framework for Ontario's Food and Organic Waste. The result is that the City of Windsor, due to its population and density, will be required to provide curbside collection of food waste. This would be in addition to the existing yard waste collection. Furthermore, the Framework sets a target that the City of Windsor achieves "70% waste reduction and resource recovery of food and organic waste generated by single-family dwellings in urban settlement areas by 2025". The City of Windsor is the only municipality in Essex County that would be required to provide curbside collection of food/kitchen waste, although other municipalities will be required to provide some form of collection (i.e. depot, subsidized composters), in their urban areas only, and some municipalities will have no requirements whatsoever.				At its meeting of August 27, 2018, Council directed Administration to engage a Consultant for the purpose of reviewing and analyzing the various methods of food and organic waste collection and treatment specific to the City of Windsor. The maximum cost approved for this study was \$85,000 to be funded from unallocated / available PYG dollars in 2021 (\$65,000) and 2022 (\$20,000). The study was completed in 2019 and reviewed the various types of organic processing and how they would apply to the Windsor and Essex County region. The recommended next steps are to request proposals for the design and development of one of these processes. Additional budget dollars are needed to hire a consultant to develop and evaluate requests for qualifications, proposals, and tender specifications. A report will be brought for Council consideration of options in the fall of 2019.											
Project Comments/Reference				Version Comments											
7184005 (Initial Consultant review options specific to the City of Windsor)				PRE-COMMITMENT: CR463/2018, Report # S 105/2018 approved a pre-commitment of \$65,000 in 2021 and \$20,000 in 2022.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	2950 Other Prof Services-External											
2021	165,000	165,000	0			0	165,000	20,000	0	0	0	0	0	0	185,000
2022	20,000	20,000	0	Total		0	165,000	20,000	0	0	0	0	0	0	185,000
2023	0	0	0	Revenues											
2024	0	0	0	169 Pay As You Go - Capital Reserve											
2025	0	0	0			0	165,000	20,000	0	0	0	0	0	0	185,000
2026	0	0	0	Total		0	165,000	20,000	0	0	0	0	0	0	185,000
2027	0	0	0												
2028+	0	0	0												
	185,000	185,000	0												
Historical Approved Budget				Operating Budget Impact											
				Effective Date		Description								Exp/(Rev)	FTE Impact
				Unknown		No Operating Budget Impact at the Consulting stage								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2019	September 1, 2018	Growth: 0.0 % Maintenance: 0.0 %		Anne Marie Albidone				2025							



Project Version Summary

Project #	FRS-001-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Fleet
Title	Fire & Rescue First Response Vehicle Replacement Program		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	2017 (Active)		

Project Description

There is a need to maintain the replacement of fire apparatus consistent with the recommendation in the fire master plan. One of the difficulties in the acquisition of fire apparatus is the time between the decision to order and the actual delivery, which typically amounts to a minimum of 12 months. This delay makes it important to maintain an active fire truck replacement schedule to ensure that each vehicle is replaced within its normal service life.

Project Comments/Reference

See Document Attached
 (Closed: 7051004/7074066/7101014/7131007/7111025/ 7121011 (2012 trucks)/7161031)
 Active: 7171013/ 7181025/ 7201006

Project Forecast

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2020	55,000	55,000	0
2021	0	0	0
2022	2,790,000	2,790,000	0
2023	186,000	186,000	0
2024	2,763,000	2,763,000	0
2025	74,000	74,000	0
2026	0	0	0
2027	1,993,000	1,993,000	0
2028+	8,856,000	8,856,000	0
	16,717,000	16,717,000	0

Historical Approved Budget

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2007	500,000	500,000	0
2008	500,000	500,000	0
2009	556,700	556,700	0
2010	3,297,545	3,297,545	0
2011	2,410,684	2,410,684	0
2012	2,010,316	2,010,316	0
2013	75,000	37,500	37,500
2016	149,000	149,000	0
2017	636,000	636,000	0
2018	47,000	47,000	0

Version Description

Please see document attached for detailed Fire & Rescue First Response Vehicle Replacement Schedule.

 Adjustments to annual reserve contributions made through the departments depreciation budget may be necessary to support capital replacement plans. Required operating adjustments will be submitted through the operating budget process for consideration.

Version Comments

Pricing for the new trucks is an estimate and may fluctuate over the life of the plan. Any salvages received will be returned back to this reserve. Per CR363/2010, Report #14903 the funding source is the Fire Major Equipment Reserve (F163).

Project Detailed Forecast

GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses										
5110 Machinery & Equipment - TCA										
	55,000	0	2,790,000	186,000	2,763,000	74,000	0	1,993,000	8,856,000	16,717,000
Total	55,000	0	2,790,000	186,000	2,763,000	74,000	0	1,993,000	8,856,000	16,717,000
Revenues										
163 Fire Major Equipment										
	55,000	0	2,790,000	186,000	2,763,000	74,000	0	1,993,000	8,856,000	16,717,000
Total	55,000	0	2,790,000	186,000	2,763,000	74,000	0	1,993,000	8,856,000	16,717,000

Related Projects			Operating Budget Impact										
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date									
					<table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>Deferral of replacements contributes to increased repair and operating costs.</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	Deferral of replacements contributes to increased repair and operating costs.	0	0
Effective Date	Description	Exp/(Rev)	FTE Impact										
Unknown	Deferral of replacements contributes to increased repair and operating costs.	0	0										
2007	January 1, 2013	Growth: 0.0 % Maintenance: 100.0 %	Angela Marazita/Fire Chief Steve Laforet	Ongoing									

FLEET REPLACEMENT SCHEDULE - FIRE FLEET

(source: FleetFocus as of July 24, 2019)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
Class 120 - CUBE VANS (Life Cycle 9 - 11 Years)										
3024	2012 GMC SAVANA 3500 CUTAWAY CUBE VAN	APP				61,044				
Class 140 - SPORT UTILITY (Life Cycle 10 Years)										
3022	2013 CHEVROLET TAHOE LT SUV	APP				69,507				
3035	2015 CHEVROLET TAHOE LT SUV 4X4	APP						72,104		
4040	2017 FORD EXPLORER SUV XLT 4X4	APP								58,271
4046	2018 FORD EXPLORER SUV	APP								
Class 246 - CREW CABS UTILITY (Life Cycle 7 - 9 Years)										
3023	2013 GMC SIERRA CREWCAB 6` BOX PICKUP	APP	53,512							
3030	2015 FORD F250 CREWCAB 4X4 PICKUP	APP			60,335					
3036	2015 FORD F250 CREWCAB 4X4 PICKUP	APP			55,528					
4041	2016 FORD F250 CREWCAB PICKUP 4X4	APP				51,551				
Class 330 - 22000 TO 28000 GVW TRUCKS (Life Cycle 20 Years)										
4039	2016 FREIGHTLINER MEDIUM CUBE TRUCK	APP								
Class 4000 - FIRE RESCUE (Life Cycle 15+ Years)										
4043	2016 SPARTAN ROSENBAUER RESCUE PUMPER	APP								
4047	2018 KENWORTH HACKNEY T370 PUMPER	APP								
Class 4100 - FIRE ENGINE (Life Cycle 15+ Years)										
4020	2003 SPARTAN ROSENBAUER GENERAL ENG 5	APP								
4022	2007 PIERCE VELOCITY ENGINE 1	APP			875,000					
4023	2007 SPARTAN ROSENBAUER ENGINE 6	APP			875,000					
4024	2007 SPARTAN ROSENBAUER ENGINE 4	APP			875,000					
4025	2009 SPARTAN ROSENBAUER ENGINE 2	APP					905,000			
4026	2009 SPARTAN ROSENBAUER ENGINE 7	APP					905,000			
4027	2009 SPARTAN ROSENBAUER TANKER 8	APP					905,000			
4031	2012 SPARTAN ROSENBAUER ENGINE 5	APP								950,000
4032	2012 SPARTAN ROSENBAUER ENGINE 1	APP								950,000
Class 4300 - FIRE AERIAL (Life Cycle 15+ Years)										
4033	2013 SUTPHEN SP70 AERIAL PLATFORM	APP								
4034	2013 SUTPHEN SP70 AERIAL PLATFORM	APP								
4035	2013 SUTPHEN SP95 AERIAL PLATFORM	APP								
4036	2013 SUTPHEN SP95 AERIAL PLATFORM	APP								
Class 4400 - FIRE POLICE BUS (Life Cycle 20+ Years)										

FLEET REPLACEMENT SCHEDULE - FIRE FLEET

(source: FleetFocus as of July 24, 2019)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
4037	2007 SPARTAN COMMAND POST BUS (50% Fire)	APP								
	Total Number of Active Units:	26								
		Subtotal:	53,512	0	2,740,862	182,102	2,715,000	72,104	0	1,958,271
		Unrecoverable HST:	942	0	48,239	3,205	47,784	1,269	0	34,466
		Total Estimated Cost:	54,454	0	2,789,102	185,307	2,762,784	73,373	0	1,992,737
		Budget Submission:	55,000	0	2,790,000	186,000	2,763,000	74,000	0	1,993,000

Notes:

1. Total cost includes purchase price plus capitalization costs of \$15,000 per unit in classes 120 - 330 and \$80,000 per unit in classes 4000 - 4400.
2. Estimated replacement cost represents total cost plus an annual inflation factor from the date of purchase. The inflation factor is currently set to 2.00%.
3. Fire and Rescue Services has a separate fleet replacement schedule. The replacement of Fire's small fleet is based on Public Works methodology.
4. Units are placed on the schedule based on an operational assessment. Units are evaluated annually based on a variety of factors to determine if replacements are required in the current year or



Project Version Summary

Project #	OPS-001-15	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Fleet
Title	Parks Equipment Replacement Program		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	2017 (Active)		

Project Description				Version Description											
This project is for the replacement of Parks Off-Road equipment. The Parks off-road equipment is essential to the department and downtime due to equipment repairs results in lost productivity and man-hours, which results in the department's inability to meet expected service levels. Parks makes every effort to repair and in some cases rebuild equipment during the off-season.				Annual budget requests are based on the Fleet and Parks Division's projections of required replacements. Adjustments to annual reserve contributions made through the departments depreciation budget may be necessary to support capital replacement plans. Required operating adjustments will be submitted through the operating budget process for consideration.											
Project Comments/Reference				Version Comments											
See Document Attached Closed: 7151005/ 7161001/ 7171017/ 7181015 Open: 7191000/ 7201007				An increase in the annual dedicated reserve contribution was approved in 2019 (2019-309) to ensure sustainability of the Parks Off-Road Equipment Replacement Reserve Fund 197.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	1,287,000	1,287,000	0	5110	Machinery & Equipment - TCA										
2021	569,000	569,000	0			1,287,000	569,000	751,000	981,000	1,525,000	604,000	942,000	976,000	1,632,000	9,267,000
2022	751,000	751,000	0	Total		1,287,000	569,000	751,000	981,000	1,525,000	604,000	942,000	976,000	1,632,000	9,267,000
2023	981,000	981,000	0	Revenues											
2024	1,525,000	1,525,000	0	197	Off-Road Fleet Replacement										
2025	604,000	604,000	0			1,287,000	569,000	751,000	981,000	1,525,000	604,000	942,000	976,000	1,632,000	9,267,000
2026	942,000	942,000	0	Total		1,287,000	569,000	751,000	981,000	1,525,000	604,000	942,000	976,000	1,632,000	9,267,000
2027	976,000	976,000	0												
2028+	1,632,000	1,632,000	0												
	9,267,000	9,267,000	0												
Historical Approved Budget															
Year	Total Expense	Net City Cost	Subsidies												
2015	345,060	345,060	0												
2016	702,000	702,000	0												
2017	459,000	459,000	0												
2018	617,000	617,000	0												
2019	451,000	451,000	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	Deferral of replacements contributes to increased repair and operating costs as users require units to be operational to meet expected service levels.								0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead			Est. Completion Date									
2015	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Angela Marazita			Ongoing									

FLEET REPLACEMENT SCHEDULE - PARKS OFF ROAD FLEET

(source: FleetFocus as of July 23, 2019)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
Class 5000 - ZAMBONIS - (LIFE CYCLE 8-10 YEARS)										
5004	2008 ZAMBONI ICE RESURFACING MACHINE	ORREC			111,300					
5007	2009 ZAMBONI ICE RESURFACING MACHINE	ORREC				113,400				
5009	2001 ZAMBONI RESURFACING ICE MACHINE	ORREC								
5011	2003 ZAMBONI RESURFACING ICE MACHINE	ORREC	107,100							
5012	2005 ZAMBONI RESURFACING ICE MACHINE	ORREC			111,300					
5013	2014 ZAMBONI RESURFACING ICE MACHINE	ORREC					115,500			
5014	2015 ZAMBONI RESURFACING ICE MACHINE	ORREC						117,600		
5015	2016 ZAMBONI RESURFACING ICE MACHINE	ORREC							119,700	
5016	2018 ZAMBONI RESURFACING ICE MACHINE	ORREC								
Class 5100 - 10' MOWERS - (LIFE CYCLE 8-10 YEARS)										
5102	2014 TORO 4000-D 10' MOWER	ORPARKS			99,275					
5103	2014 TORO 4000-D 10' MOWER	ORPARKS			99,275					
5104	2011 TORO GROUNDMASTER 4000-D MOWER	ORPARKS								108,640
5105	2011 TORO 4000-D 10' MOWER	ORPARKS								108,640
5106	2011 TORO GROUNDMASTER 4000-D MOWER	ORPARKS								108,640
5107	2011 TORO GROUNDMASTER 4000-D MOWER	ORPARKS								108,640
5114	2015 JACOBSEN 10' CUT WIDE AREA MOWER	ORPARKS				101,148				
5115	2015 JACOBSEN R311T4F 10' MOWER	ORPARKS				101,148				
5116	2016 TORO 4400-D GROUNDMASTER MOWER	ORPARKS					103,021			
5117	2016 TORO 4400-D 120 INCH ROTARY MOWER	ORPARKS					103,021			
5118	2016 GROUNDMASTER 10 FT WINGED MOWER	ORPARKS					103,021			
5119	2016 GROUNDMASTER 10 FT WINGED MOWER	ORPARKS					103,021			
5120	2016 GROUNDMASTER 10 FT WINGED MOWER	ORPARKS					103,021			
5121	2018 GROUNDMASTER 10 FT WINGED MOWER	ORPARKS							106,767	
5122	2019 TORO 4000-D 10' MOWER	ORPARKS								108,640
5123	2013 TORO 4500-D 10' MOWER	ORPARKS		97,401						
Class 5130 - 16' MOWERS - (LIFE CYCLE 8-10 YEARS)										
5130	2014 TORO 5900-D WINGED MOWER	ORPARKS			133,639					
5134	2010 JACOBSEN 9016 WINGED MOWER	ORPARKS	128,596							
5135	2014 TORO 5900-D 16' WINGED MOWER	ORPARKS			133,639					
5137	2016 JACOBSEN 9016 16' WIDE AREA MOWER	ORPARKS					138,682			

FLEET REPLACEMENT SCHEDULE - PARKS OFF ROAD FLEET

(source: FleetFocus as of July 23, 2019)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
5142	2011 KUBOTA MOWER / PAINT STRIPER	ORPARKS	128,596							
5146	2015 JACOBSEN 9016 16` MOWER	ORPARKS				136,160				
5147	2015 JACOBSEN HR-705 16` MOWER	ORPARKS				136,160				
5148	2016 TORO 5900-D GROUNDSMASTER MOWER	ORPARKS					138,682			
5149	2016 JACOBSEN SPORTS STRIPPER	ORPARKS					138,682			
5150	2017 JACOBSEN 16` MOWER	ORPARKS						141,203		
5151	2018 TORO 5900-D 4WD 16` MOWER	ORPARKS							143,725	
5152	2018 TORO 5900-D 4WD 16` MOWER	ORPARKS							143,725	
5153	2019 TORO 5900-D 4WD 16` MOWER	ORPARKS								146,246
5154	2019 TORO 5900-D 4WD 16` MOWER	ORPARKS								146,246
Class 5160 - ZERO TURN MOWERS - (LIFE CYCLE 8-10 YEARS)										
5160	2012 KUBOTA 16` ZERO TURN MOWER	SOLD	16,922					18,581		
5164	2012 KUBOTA 16` ZERO TURN MOWER	ORPARKS	16,922							
5165	2012 KUBOTA 16` ZERO TURN MOWER	ORPARKS	16,922							
5166	2012 KUBOTA 16` ZERO TURN MOWER	ORPARKS	16,922					18,581		
5168	2016 KUBOTA ZD-331-LP 6` MOWER	ORPARKS					18,249			
5170	2019 KUBOTA ZD-1211L-72 ZERO TURN MOWER	ORPARKS								19,244
5171	2019 KUBOTA ZD-1211L-72 ZERO TURN MOWER	ORPARKS								19,244
5172	2019 KUBOTA ZD-1211L-72 ZERO TURN MOWER	ORPARKS								19,244
Class 5180 - SLOPE MOWERS - (LIFE CYCLE 8-10 YEARS)										
5180	2008 DVORAK ROTARY SLOPE MOWER	ORPARKS	53,455							
5181	2015 STEINER STEEP SLOPE CUTTING MOWER	ORPARKS				56,599				
5182	2015 STEINER STEEP SLOPE CUTTING MOWER	ORPARKS				56,599				
Class 5190 - TOW BEHIND MOWERS - (LIFE CYCLE 8-10 YEARS)										
5190	2002 WOODS 3180-3 15` FLEX WINGED MOWER	ORPARKS	26,987							
5192	2003 WOODS TOW TYPE ROTARY MOWER	ORPARKS	26,987							
5193	2017 BUSH HOG FLEX WING ROTARY CUTTER	ORPARKS						29,633		
Class 5200 - ALL TERRAIN VEHICLES - (LIFE CYCLE 8-10 YEARS)										
5201	2010 CLUB CAR CARRYALL 272 GOLF CART	ORPARKS	14,012							
5202	2010 CLUB CAR CARRYALL 272 GOLF CART	ORPARKS	14,012							
5213	2001 BOBCAT PIONEER GOLF CART	ORPARKS	14,012							
5214	2001 BOBCAT PIONEER GOLF CART	ORPARKS	14,012							
5215	2011 BOBCATMODEL 3200 GOLF CART	SOLD	14,012							

FLEET REPLACEMENT SCHEDULE - PARKS OFF ROAD FLEET

(source: FleetFocus as of July 23, 2019)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
5217	2001 BOBCAT PIONEER 2100 GOLF CART	ORPARKS	14,012							
5224	2006 CLUB CAR CARRYALL 272 GOLF CART	ORPARKS	14,012							
5225	2006 JOHN DEERE HPX 4X4 GATOR	ORPARKS	14,012							
5232	2013 BOBCAT MODEL 3200 ATV	ORPARKS		14,287						15,936
5234	2013 BOBCAT MODEL 3200 ATV	ORPARKS		14,287						
5236	2016 KUBOTA RTV1100 UTILITY VEHICLE	ORPARKS					36,772			
5237	2016 KUBOTA RTV1100 UTILITY VEHICLE	ORPARKS					36,772			
5238	2016 KUBOTA RTV500 UTILITY VEHICLE	ORPARKS					15,111			
5239	2016 KUBOTA RTV500 UTILITY VEHICLE	ORPARKS					15,111			
5240	2016 KUBOTA RTV500 UTILITY VEHICLE	ORPARKS					15,111			
5241	2016 KUBOTA RTV500 UTILITY VEHICLE	ORPARKS					15,111			
5242	2016 KUBOTA RTV500 UTILITY VEHICLE	ORPARKS					15,111			
5243	2016 YAMAHA CONCIERGE 6 ART CART	ORREC					17,832			
5244	2017 KUBOTA RTV500 CART	ORREC						15,386		
5245	2018 KUBOTA RTV500 CART	ORPARKS							15,661	
5246	2018 KUBOTA RTV500 CART	ORPARKS							15,661	
5247	2018 KUBOTA RTV500 CART	ORHORT							15,661	
5248	2018 KUBOTA RTV500 CART	ORPARKS							15,661	
5249	2018 KUBOTA RTV500 CART	ORHORT							15,661	
5250	2018 KUBOTA RTV500 CART	ORPARKS							15,661	
5251	2018 KUBOTA RTV500 CART	ORPARKS							15,661	
5252	2018 KUBOTA RTV X900W TRACTOR	ORFOREST							17,400	
Class 5270 - TOOLCATS - (LIFE CYCLE 8-10 YEARS)										
5271	2013 BOBCAT MODEL 5600-F TOOLCAT	ORPARKS		88,898						
5272	2013 BOBCAT MODEL 5600-F TOOLCAT	ORPARKS		88,898						
5273	2016 BOBCAT MODEL 5600-F TOOLCAT	ORPARKS					94,026			
5274	2013 BOBCAT MODEL 5600-F W/SPREADER	ORPARKS		88,898						
Class 5300 - TRACTORS - (LIFE CYCLE 15-20 YEARS)										
5301	2010 KUBOTA L3240D TRACTOR	ORPARKS						51,287		
5302	1999 CASE MODEL CX50A TRACTOR	ORPARKS	76,793							
5309	2011 KUBOTA L3940 TRACTOR	ORPARKS							52,203	
5311	2011 KUBOTA L3940 TRACTOR	ORPARKS							52,203	
5312	2011 KUBOTA L3940 TRACTOR	ORPARKS							52,203	

FLEET REPLACEMENT SCHEDULE - PARKS OFF ROAD FLEET

(source: FleetFocus as of July 23, 2019)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
5313	2011 KUBOTA L3940 TRACTOR	ORPARKS							52,203	
5316	1990 FORD 250-C TRACTOR	ORPARKS	46,708							
5317	1990 FORD 250-C TRACTOR	ORPARKS	46,708							
5318	1988 JOHN DEERE INTERSTATER TRACTOR	ORPARKS	70,062							
5319	2014 JOHN DEERE TRACTOR MOWER BOOM	ORPARKS								
5320	2018 KIOTI PX1153 PCB TRACTOR	ORPARKS								
5321	2019 KUBOTA L4060 TRACTOR LOADER	ORFOREST								
Class 5400 - SKID STEER / LOADERS - (LIFE CYCLE 10-15 YEARS)										
5403	2014 BOBCAT SKID STEER LOADER	ORPARKS					123,130			
5404	2011 MELROE BOBCAT SKID STEER LOADER	ORPARKS		116,413						
5405	2015 MELROE BOBCAT ALL-WHEEL LOADER	ORPARKS						125,368		
Class 5500 - FORK LIFTS - (LIFE CYCLE 20-22 YEARS)										
5501	2012 STARKE FORKLIFT	ORPARKS								
5503	2003 NOBLE 8 TON FORKLIFT	ORHORT				109,901				
Class 5600 - RAKES - (LIFE CYCLE 12-15 YEARS)										
5601	2013 TORO MODEL 3040 SAND PRO RAKE	ORPARKS						26,213		
5607	2014 TORO MODEL 3040 SAND PRO RAKE	ORPARKS							26,681	
5623	2001 BANNERMAN QUICK SLITT PLANTER	ORPARKS				34,069				
5644	2011 SMITHCO SAND BUNKER RAKE	ORPARKS				25,277				
5678	2011 TURFCO TURF CARE ATTACHMENT	ORPARKS				18,134				
5679	2011 SCARIFIER TURF MAINT ATTACHMENT	ORPARKS				25,827				
5680	BLADE SHARPENING CABINET	ORPARKS	22,302							
Class 5700 - ATTACHMENTS - (LIFE CYCLE 20-22 YEARS)										
5701	2008 HORST SNOW PLOW BLADE	ORPARKS								
5702	2018 JOHN DEERE UTILITY TRACTOR	ORPARKS								
5703	2019 RC TRAILERS COVERED TRAILER	ORPARKS								
Class 5800 - TRACKLESS UTILITY - (LIFE CYCLE 10 YEARS)										
5801	2003 TRACKLESS MUNICIPAL TRACTOR	ORPARKS	150,503							
5802	2003 TRACKLESS EQUIPMENT TRACTOR	ORPARKS	150,503							
Class 5850 - BOATS - (LIFE CYCLE 10 YEARS)										
5850	2018 PRINCECRAFT PONTOON BOAT	ORREC								
5851	2018 MIDWEST INDUSTRIAL BOAT TRAILER	ORREC								
Total Number of Active Units:			115							

FLEET REPLACEMENT SCHEDULE - PARKS OFF ROAD FLEET

(source: FleetFocus as of July 23, 2019)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
		Subtotal:	1,215,084	509,082	688,427	914,421	1,448,986	543,852	876,435	909,361
		Unrecoverable HST:	21,385	8,960	12,116	16,094	25,502	9,572	15,425	16,005
		Total Estimated Cost:	1,236,469	518,042	700,543	930,515	1,474,488	553,424	891,861	925,366
		Emergency Replacement Contingency:	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
		Total Estimated Cost:	1,286,469	568,042	750,543	980,515	1,524,488	603,424	941,861	975,366
		Budget Submission:	1,287,000	569,000	751,000	981,000	1,525,000	604,000	942,000	976,000

Notes:

1. Total cost includes purchase price plus capitalization.
2. Estimated replacement cost represents total cost plus an annual inflation factor from the date of purchase. The inflation factor is currently set to 2.00%.
3. Units are placed on the schedule based on an operational assessment. Units are evaluated annually based on a variety of factors to determine if replacements are required in the current year or



Project Version Summary

Project #	OPS-001-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Fleet
Title	Fuel Site Equipment Replacement		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
This project is for the replacement of fuel site equipment to ensure fuel is available to the corporate and Police Services fleets and to comply with legislated requirements of the Liquid Fuels Handling code which is monitored by the Technical Standards and Safety Authority (TSSA).				A detailed replacement schedule including all sites and equipment with required funding by year is attached for information.											
Project Comments/Reference				Version Comments											
See Document Attached															
Project Forecast				Project Detailed Forecast											
		Revenue													
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Expenses															
2020	0	0	0	5110 Machinery & Equipment - TCA											
2021	0	0	0		0	0	289,100	36,300	62,000	17,780	0	19,950	330,820	755,950	
2022	289,100	289,100	0	Total	0	0	289,100	36,300	62,000	17,780	0	19,950	330,820	755,950	
2023	36,300	36,300	0	Revenues											
2024	62,000	62,000	0	221 Service Sustainability Investm											
2025	17,780	17,780	0		0	0	289,100	36,300	62,000	17,780	0	19,950	330,820	755,950	
2026	0	0	0	Total	0	0	289,100	36,300	62,000	17,780	0	19,950	330,820	755,950	
2027	19,950	19,950	0												
2028+	330,820	330,820	0												
	755,950	755,950	0												
Historical Approved Budget				Operating Budget Impact											
				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	Any budget deferral in approved funding will result in an increase in operating costs to maintain equipment and comply with legislated requirements.								0	0	
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2017	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Angela Marazita					Ongoing						

Fuel Site Replacement Schedule

~ Updated as of July 24, 2019

						Required Capital Budget by Year****							
Fuel Site	Component	Installation Year	Expected Life*	Replacement Year**	Replacement Cost***	2020	2021	2022	2023	2024	2025	2026	2027
Crawford Yard	2 x 22700L UST Fuel Tank	1990	30-40 years	2022	\$ 200,000.00			\$ 236,000.00					
	2 x Dispenser w/ Fuel Pumps	2009	10-15 years	2024	\$ 35,000.00					\$ 43,400.00			
	2200L AST Fuel Tank + Fill-Rite Pump	2016	15-25 years	2036	\$ 5,000.00								
	FuelFocus Controller	2019	10 years	2029	\$ 18,000.00								
	VeederRoot	2009	20-25 years	2029	\$ 45,000.00								
	Underground Piping	2009	20-25 years	2029	\$ 50,000.00								
	Canopy	2009	20-25 years	2029	\$ 110,000.00								
Parks McDougall	4600L AST Fuel Tank	2014	15-25 years	2034	\$ 10,000.00								
	7500L AST Fuel Tank w/ Steps	2014	15-25 years	2034	\$ 15,000.00								
	2 x Dispenser w/ Fuel Pumps	1991	10-15 years	2022	\$ 30,000.00			\$ 35,400.00					
	FuelFocus Controller	2009	10 years	2022	\$ 15,000.00			\$ 17,700.00					
Little River	2 x 4600L AST Fuel Tank + Fill-Rite Pumps	2010	15-25 years	2030	\$ 14,000.00								
	FuelFocus Controller	2010	10 years	2023	\$ 15,000.00				\$ 18,150.00				
Malden Park	2 x 2300L AST Fuel Tank + Fill-Rite Pumps	2012	15-25 years	2032	\$ 10,000.00								
	FuelFocus Controller	2014	10 years	2024	\$ 15,000.00					\$ 18,600.00			
Solid Waste	4600L AST Fuel Tank + Fill-Rite Pump	2011	15-25 years	2031	\$ 7,000.00								
	FuelFocus Controller	2011	10 years	2023	\$ 15,000.00				\$ 18,150.00				
Fire Station #1	4500L Dual Comp. AST Fuel Tank + Fill-Rite Pumps	2018	15-25 years	2038	\$ 10,000.00								
	FuelFocus Controller	2019	10 years	2029	\$ 15,000.00								
Fire Station #2	4500L AST Fuel Tank + Fill-Rite Pump	2005	15-25 years	2025	\$ 7,000.00						\$ 8,890.00		
Fire Station #3	4500L AST Fuel Tank + Fill-Rite Pump	2005	15-25 years	2025	\$ 7,000.00						\$ 8,890.00		
Fire Apparatus	2 x 2300L AST Fuel Tank + Fill-Rite Pumps	2017	15-25 years	2037	\$ 10,000.00								
	FuelFocus Controller	2017	10 years	2027	\$ 15,000.00								\$ 19,950.00
Lakeview Marina	35000L Dual Compartment UST Fuel Tank w/ Pumps	2017	30-40 years	2047	\$ 200,000.00								
	2 x Dispenser	2017	10-15 years	2032	\$ 35,000.00								
	VeederRoot	2017	20-25 years	2037	\$ 45,000.00								
	Underground Piping	2017	20-25 years	2037	\$ 50,000.00								
Totals:						\$ -	\$ -	\$ 289,100.00	\$ 36,300.00	\$ 62,000.00	\$ 17,780.00	\$ -	\$ 19,950.00
											2028+	\$ 330,820.00	

*Expected life ranges provided by MWH Petroleum, Waddick Fuels, and AssetWorks.

**Replacement year to be selected within expected life range. Historically, above ground storage tanks have lasted 20 years on average and dispensers over 15 years. Replacements of all other components have been assigned to the first year of the expected life.

***Replacement costs based on estimates provided by suppliers and inflated historical costs and do not include clean up costs of any contaminated soil or ground water. See the Replacement Cost Estimates sheet for details by component. Replacement cost for Lakeview Marina fuel site estimated based on replacement costs for individual components of Crawford Yard fuel site.

****Replacement costs from 2016 inflated annually by 3% (not compounded).



Project Version Summary

Project #	OPS-001-20	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Fleet
Title	Corporate Fleet Software System		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This project is to address the fleet software system related improvements and upgrades to ensure efficient operations in all fleet areas.

FleetFocus is the corporate fleet management software solution utilized to track and manage all functions related to the maintenance of vehicles and equipment including processing of repair and preventative maintenance work orders and capturing operating expenses (i.e. fuel, parts, licensing, insurance, depreciation). It is also utilized to manage fleet replacement planning as well as parts and tool inventories.

FuelFocus is the fuel management system utilized by Public Works Operations at corporate fuel sites to control access, manage the supply, usage and costing of fuel to vehicles and equipment. The City of Windsor owns and operates 9 corporate fuel sites and is working towards automating all sites to eliminate manual records as per the Fuel Site Review completed in 2014.

Version Description

FleetFocus:

Migration to a web based system will allow users to leverage new features and gain efficiencies, improve system availability and decrease maintenance requirements. It will also provide many role-based portals, and provide enhanced reporting functionality. Moving to a web based software application will allow users to access the software from any network connected personal computer and decrease the maintenance requirements for the Information Technology Department. It will also allow users to leverage new features as new development and enhancements are directed towards the web version of the software. The estimated cost of the migration includes the purchase of software licences, implementation services and training as well as the impact of the US exchange rate.

FuelFocus:

There are 3 fuel sites that require upgrades to Windows 7. These sites are at Parks locations at the Main Yard on McDougall, Little River and Malden Park. The cost to complete the upgrade to Windows 7 is approximately \$12,000 per site.

There are 2 sites that have not yet been automated and rely on manual records. These sites are located at 3121 Milloy and 2750 Ouellette. This project will address the implementation of the City's fuel management system (FuelFocus) at these fuel sites.

Project Comments/Reference

7209002

This project is a consolidation and replaces: OPS-002-16 Fuel Site Automation Initiatives and OPS-005-16 FleetFocus Web Migration.

Version Comments

There is an annual software maintenance fee that is shared among the fleet areas.

An upgrade of the existing FleetFocus graphic user interface (GUI) version was completed in 2019 to prepare for the migration to a web based environment.

Automation of the fuel sites at the Apparatus Division of Fire was completed in 2017 and Fire Headquarters was completed in 2019.

Project Forecast

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2020	20,000	20,000	0
2021	50,000	50,000	0
2022	85,000	85,000	0
2023	50,000	50,000	0
2024	50,000	50,000	0
2025	50,000	50,000	0
2026	50,000	50,000	0
2027	50,000	50,000	0
2028+	50,000	50,000	0
	455,000	455,000	0

Project Detailed Forecast

GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses										
5126 Computer Software	20,000	50,000	85,000	50,000	50,000	50,000	50,000	50,000	50,000	455,000
Total	20,000	50,000	85,000	50,000	50,000	50,000	50,000	50,000	50,000	455,000
Revenues										
169 Pay As You Go - Capital Reserve	20,000	50,000	85,000	50,000	50,000	50,000	50,000	50,000	50,000	455,000
Total	20,000	50,000	85,000	50,000	50,000	50,000	50,000	50,000	50,000	455,000

Historical Approved Budget

Related Projects

Operating Budget Impact

Effective Date	Description	Exp/(Rev)	FTE Impact
Unknown	No Operating Budget Impact	0	0

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2020	January 1, 2020	Growth: 100.0 % Maintenance: 0.0 %	Angela Marazita	Ongoing



Project Version Summary

Project #	OPS-002-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Fleet
Title	Fuel Site Program		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description

The City of Windsor owns and operates 9 fuel sites at the following locations:
 Crawford Yard - 1531 Crawford Avenue
 McDougall Parks Yard – 2461 McDougall
 Malden Park – 4255 Matchette Road
 Little River Parks Yard – 9578 Little River Road
 Environmental Services Yard – 3540 North Service Road
 Fire Station #1 – 815 Goyeau Street
 Fire Station #2 – 3121 Milloy
 Fire Station #3 – 2750 Ouellette Avenue
 Fire Apparatus – 2885 Kew Drive

The City also owns and operates 1 retail fuel site at Lakeview Park Marina located at 9200 Riverside Drive East.

On behalf of the government of Ontario, the Technical Standards and Safety Authority (TSSA) regulates fuel sites to ensure conformance to the Technical Standards and Safety Act, 2000, and applicable regulations, codes and standards. The Liquid Fuels Handling Code is a provincial code developed by the TSSA and regulates the storage and handling of fuels at bulk plants, marinas, retail outlets and private outlets.

This project is to ensure the safe operation of all corporate fuel sites and to maintain compliance with provincial regulations.

Version Description

The Liquid Fuels Handling Code 2017 was adopted by the TSSA on June 14, 2017 and is effective October 1, 2017. As a result, rehabilitation is required at various sites to ensure compliance with the new regulation.

Project Comments/Reference

7181030

Version Comments

PRE-COMMITMENT:
 CR358/2018, Report C 106/2018 approved a pre-commitment of \$132,000 in 2022 for maintenance completed at Fire Station #1 (Goyeau) in 2018-2019.

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	0	0	0
2021	0	0	0
2022	153,240	153,240	0
2023	6,050	6,050	0
2024	50,000	50,000	0
2025	50,000	50,000	0
2026	50,000	50,000	0
2027	50,000	50,000	0
2028+	50,000	50,000	0
	409,290	409,290	0

Project Detailed Forecast										
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses										
5110 Machinery & Equipment - TCA	0	0	153,240	6,050	50,000	50,000	50,000	50,000	50,000	409,290
Total	0	0	153,240	6,050	50,000	50,000	50,000	50,000	50,000	409,290
Revenues										
221 Service Sustainability Investm	0	0	153,240	6,050	50,000	50,000	50,000	50,000	50,000	409,290
Total	0	0	153,240	6,050	50,000	50,000	50,000	50,000	50,000	409,290

Historical Approved Budget

Related Projects			Operating Budget Impact			
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date		
			Effective Date Unknown	Description Any budget deferrel in approved funding will result in an increase in operating costs to maintain sites and comply with legislated requirements.	Exp/(Rev) 0	FTE Impact 0
2017	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %	Angela Marazita	Ongoing		



Project Version Summary

Project #	OPS-005-08	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Fleet
Title	Corporate Fleet Replacement Program		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description										
Replacement of dedicated vehicles and equipment.				Annual budget requests are based on the Fleet Division's projections of required replacements. Adjustments to annual reserve contributions made through the departments depreciation budget may be necessary to support capital replacement plans. Required operating adjustments will be submitted through the operating budget process for consideration.										
All requests are subject to review and approval of the Fleet Review Committee.														
Project Comments/Reference				Version Comments										
See Document Attached (Closed: 7085004/7091012/7101015/7111028/7121009/7131112/7141002/7151004/7161033) Active: 7171021/7181016/7191001/7201008														
Project Forecast				Project Detailed Forecast										
				GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Revenue												
		Net City Cost	Subsidies											
2020	2,288,000	2,288,000	0											
2021	1,654,000	1,654,000	0											
2022	2,127,000	2,127,000	0											
2023	2,253,000	2,253,000	0											
2024	1,287,000	1,287,000	0											
2025	1,774,000	1,774,000	0											
2026	1,296,000	1,296,000	0											
2027	1,851,000	1,851,000	0											
2028+	3,874,000	3,874,000	0											
	18,404,000	18,404,000	0											
Historical Approved Budget														
Year	Total Expense	Revenue												
		Net City Cost	Subsidies											
2008	2,000,000	2,000,000	0											
2009	2,500,000	2,500,000	0											
2010	1,625,171	1,625,171	0											
2011	872,732	872,732	0											
2012	1,750,000	1,750,000	0											
2013	1,240,000	1,240,000	0											
2014	780,000	780,000	0											
2015	1,131,000	1,131,000	0											
2016	1,560,500	1,560,500	0											
2017	1,021,000	1,021,000	0											
2018	1,574,000	1,574,000	0											
2019	2,606,000	2,606,000	0											

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
2008	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Angela Marazita	Ongoing	
			Effective Date	Description	Exp/(Rev) FTE Impact
			Unknown	Deferral of replacements contributes to increased repair and operating costs as user departments require units to be operational to meet expected service levels.	0 0

FLEET REPLACEMENT SCHEDULE - CORPORATE FLEET

(source: FleetFocus as of July 23, 2019)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
Class 110 - VANS (Life Cycle 7 - 9 Years)										
0257	2009 CHEVROLET EXPRESS 1500 CARGO VAN	FAC MGT								
0259	2010 CHEVROLET EXPRESS CARGO VAN	PW LAB		44,875						
0260	2011 CHEVROLET EXPRESS CARGO VAN	FAC MGT		32,774						
0261	2012 GMC SAVANA CARGO VAN	PW FIELD		34,526						
0270	2012 CHEVROLET EXPRESS CARGO VAN	FAC MGT		45,198						
0271	2017 CHEVROLET E2500 EXPRESS CARGO VAN	PW LAB						40,080		
0272	2017 CHEVROLET E2500 EXPRESS CARGO VAN	FAC MGT						40,080		
0273	2017 CHEVROLET E2500 EXPRESS CARGO VAN	FAC MGT						40,080		
0274	2017 CHEVROLET E2500 EXPRESS CARGO VAN	FAC MGT						40,080		
0276	2017 CHEVROLET E2500 EXPRESS CARGO VAN	PW SEWER						40,080		
0277	2018 CHEVROLET E2500 EXPRESS CARGO VAN	PW FIELD						35,586		
0278	2018 CHEVROLET E2500 EXPRESS CARGO VAN	FAC MGT						35,586		
0279	2018 CHEVROLET E2500 EXPRESS CARGO VAN	FAC MGT						35,586		
0280	2018 CHEVROLET E2500 EXPRESS CARGO VAN	PW FIELD						35,586		
0281	2018 CHEVROLET E2500 EXPRESS CARGO VAN	FAC MGT						35,586		
0282	2018 CHEVROLET E2500 EXPRESS CARGO VAN	FAC MGT						35,586		
0283	2018 CHEVROLET E2500 EXPRESS CARGO VAN	PW FIELD						35,586		
3027	2013 FORD ECONO SUPER CARGO VAN	FIRE				33,143				
Class 120 - CUBE VANS (Life Cycle 9 - 11 Years)										
0304	2012 GMC SAVANA UNICELL VAN	PW SEWER				56,920				
0305	2017 GMC EXPRESS 3500 CUBE VAN	LIBRARY								46,107
Class 145 - MINI VANS (Life Cycle 7 - 9 Years)										
0338	2009 CHEVROLET UPLANDER LS MINI VAN	PARK SERV	30,600							
0346	2016 DODGE GRAND CARAVAN SE	PW FIELD				32,400				
0347	2016 DODGE GRAND CARAVAN SE	PW LRPCP				32,400				
0348	2016 DODGE GRAND CARAVAN SE	BUILDING				32,400				
0349	2016 DODGE GRAND CARAVAN SE	PARK SERV				32,400				
0350	2012 DODGE GRAND CARAVAN	PW FIELD	30,600							
0351	2012 DODGE GRAND CARAVAN	BUILDING	30,600							
0352	2012 DODGE GRAND CARAVAN	TRAF STUD	30,600							
0353	2012 DODGE GRAND CARAVAN	PARKS	30,600							
0354	2012 DODGE GRAND CARAVAN	INFO TECH	30,600							
0382	2019 DODGE GRAND CARAVAN SXT	PW CONTRAC								34,800
0383	2014 DODGE GRAND CARAVAN	BUILDING		31,200						

FLEET REPLACEMENT SCHEDULE - CORPORATE FLEET

(source: FleetFocus as of July 23, 2019)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
0384	2014 DODGE GRAND CARAVAN	BUILDING		31,200						
0385	2014 DODGE GRAND CARAVAN	BUILDING		31,200						
0386	2014 DODGE GRAND CARAVAN	BUILDING		31,200						
0387	2014 DODGE GRAND CARAVAN	BUILDING		31,200						
0388	2014 DODGE GRAND CARAVAN	BUILDING		31,200						
0389	2014 DODGE GRAND CARAVAN	BUILDING		31,200						
0390	2014 DODGE GRAND CARAVAN	BUILDING		31,200						
0391	2014 DODGE GRAND CARAVAN	BUILDING		31,200						
0392	2014 DODGE GRAND CARAVAN	BUILDING		31,200						
0393	2014 DODGE GRAND CARAVAN	BUILDING		31,200						
0394	2014 DODGE GRAND CARAVAN	PARKS		31,200						
0395	2016 DODGE CARAVAN MINIVAN	PARKS				32,400				
0396	2016 DODGE CARAVAN MINIVAN	PW TECHNIC				32,400				
0397	2016 DODGE CARAVAN MINIVAN	PW TECHNIC				32,400				
0398	2016 DODGE CARAVAN MINIVAN	SIGNALS				32,400				
0399	2016 DODGE CARAVAN MINIVAN	PW FIELD				32,400				
0400	2016 DODGE CARAVAN MINIVAN	PW FIELD				32,400				
0401	2017 DODGE CARAVAN MINIVAN	PW CONTRAC					33,000			
0402	2017 DODGE CARAVAN MINIVAN	PW FIELD					33,000			
0403	2017 DODGE CARAVAN MINIVAN	PW FIELD					33,000			
0404	2017 DODGE CARAVAN MINIVAN	PW CONTRAC					33,000			
0405	2017 DODGE CARAVAN MINIVAN	PW PUMP ST					33,000			
0406	2019 DODGE CARAVAN MINIVAN	PARK SERV							34,200	
0407	2019 DODGE CARAVAN MINIVAN	FAC MGT							34,200	
0408	2019 DODGE CARAVAN MINIVAN	FORESTRY							34,200	
0411	2019 DODGE CARAVAN MINIVAN	PW FIELD							34,200	
0412	2019 DODGE CARAVAN MINIVAN	BUILDING							34,200	
0416	2019 DODGE CARAVAN MINIVAN	PW SEWER							34,200	
3009	2010 DODGE GRAND CARAVAN SE	FIRE	30,600							
3011	2010 DODGE GRAND CARAVAN SE	FIRE	30,600							
3019	2013 DODGE GRAND CARAVAN MINIVAN	FIRE		31,200						
3020	2013 DODGE GRAND CARAVAN MINIVAN	FIRE		31,200						
3021	2013 DODGE GRAND CARAVAN MINIVAN	FIRE		31,200						
3025	2013 DODGE GRAND CARAVAN MINIVAN	FIRE		31,200						
3028	2014 DODGE GRAND CARAVAN	FIRE			31,800					
3029	2014 DODGE GRAND CARAVAN	FIRE			31,800					

FLEET REPLACEMENT SCHEDULE - CORPORATE FLEET

(source: FleetFocus as of July 23, 2019)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
3031	2016 DODGE CARAVAN MINIVAN	FIRE				32,400				
3032	2016 DODGE CARAVAN MINIVAN	FIRE				32,400				
3033	2016 DODGE CARAVAN MINIVAN	FIRE				32,400				
3037	2017 DODGE CARAVAN MINIVAN	FIRE					33,000			
3038	2019 DODGE CARAVAN MINIVAN	FIRE							34,200	
Class 150 - COMPACT CARS (Life Cycle 6 - 8 Years)										
3007	2011 DODGE CALIBER SXT	FIRE	21,815							
3008	2011 DODGE CALIBER SXT	FIRE	21,815							
3016	2011 DODGE CALIBER SXT CAR	FIRE	20,018							
Class 155 - CROSSOVERS (Life Cycle 8 - 10 Years)										
0460	2012 DODGE JOURNEY CROSS OVER	BYLAW	30,600							
0461	2012 DODGE JOURNEY CROSS OVER	BYLAW	30,600							
0462	2012 DODGE JOURNEY CROSS OVER	BYLAW	30,600							
0463	2012 DODGE JOURNEY CROSS OVER	BYLAW		31,200						
0464	2012 DODGE JOURNEY CROSS OVER	BYLAW	30,600							
0465	2012 DODGE JOURNEY CROSS OVER	BYLAW		31,200						
0466	2012 DODGE JOURNEY CROSS OVER	BYLAW		31,200						
0467	2012 DODGE JOURNEY CROSS OVER	BYLAW	30,600							
0468	2012 DODGE JOURNEY CROSS OVER	BYLAW		31,200						
0469	2012 DODGE JOURNEY CROSS OVER	BYLAW	30,600							
0470	2012 DODGE JOURNEY CROSS OVER	BYLAW	30,600							
0471	2012 DODGE JOURNEY CROSS OVER	BYLAW	30,600							
3012	2011 DODGE JOURNEY R/T AWD	FIRE								34,800
3013	2011 DODGE JOURNEY R/T AWD	FIRE								34,800
3014	2011 DODGE JOURNEY R/T AWD	FIRE								34,800
Class 163 - ELECTRIC VEHICLES										
0487	2018 FORD FOCUS EV HATCH	PARK SERV								
0488	2018 FORD FOCUS EV HATCH	PW WWPCP								
0489	2018 FORD FOCUS EV HATCH	TRAF STUD								
3039	2018 FORD FOCUS EV HATCH	FIRE								
Class 165 - GAS / ELECTRIC HYBRIDS (Life Cycle 7 - 9 Years)										
0485	2017 CHEVROLET BOLT ELECTRIC CAR	BUILDING						51,681		
0486	2019 CHEVROLET BOLT EV	PARKING							51,300	
0490	2019 CHEVROLET BOLT EV	PW FIELD								
0506	2016 FORD C-MAX HYBRID SE	MAILROOM					29,068			
0507	2017 FORD C-MAX ENERGI PLUG-IN HYBRID	INFO TECH					32,735			

FLEET REPLACEMENT SCHEDULE - CORPORATE FLEET

(source: FleetFocus as of July 23, 2019)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
Class 200 - SMALL PICKUPS (Life Cycle 7 - 9 Years)										
0603	2009 CHEVROLET COLORADO LT PICKUP	FAC MGT		26,471						
0606	2011 FORD RANGER PICKUP EXTENDED CAB 6`	PW FIELD		22,913						
0609	2011 FORD RANGER PICKUP EXTENDED CAB 6`	PW FIELD		22,913						
Class 210 - LARGE PICKUPS (Life Cycle 7 - 9 Years)										
0612	2018 CHEVROLET SILVERADO 1500 PICKUP	FORESTRY						31,780		
0613	2013 CHEVROLET SILVERADO1500 EXT CAB	PW ELECTR		28,091						
0614	2013 CHEVROLET SILVERADO 1500 EXT CAB	PW ROW MAI		28,091						
0615	2013 CHEVROLET SILVERADO 1500 PICKUP	PW FIELD		27,757						
0617	2012 CHEVROLET SILVERADO 1500 PICKUP	PARKS								28,127
0619	2012 CHEVROLET SILVERADO 1500 PICKUP	PW SEWER								28,127
0622	2011 CHEVROLET SILVERADO 2500 HD CREWCAB	PARKS	38,500					42,000		
0638	2019 CHEVROLET SILVERADO 1500 PICKUP	PARKS								
0639	2019 CHEVROLET SILVERADO 1500 PICKUP	PW SEWER								
0640	2019 CHEVROLET SILVERADO 1500 PICKUP	PW ROW MAI								
0641	2019 CHEVROLET SILVERADO 1500 PICKUP	PW CONTRAC								
0642	2019 CHEVROLET SILVERADO 1500 PICKUP	PARKS								
0643	2019 CHEVROLET SILVERADO 1500 PICKUP	PW SEWER								
0644	2019 CHEVROLET SILVERADO 1500 PICKUP	PW PUMP ST								
0647	2019 CHEVROLET SILVERADO 1500 PICKUP	PARKS								
0649	2016 FORD F250 XL REG CAB 4X4 PICKUP	PW ENVTAL				43,015				
0650	2016 FORD F250 XL REG CAB 4X4 PICKUP	PW ENVTAL				43,015				
0651	2017 CHEVROLET SILVERADO WT 2500 PICKUP	PARKS					38,971			
0652	2017 CHEVROLET SILVERADO WT 2500 PICKUP	PARKS					38,971			
0653	2017 CHEVROLET SILVERADO WT 2500 PICKUP	PARKS					38,971			
0680	2019 FORD F250 CREWCAB PICKUP 6` 6" BOX	PARKS							43,848	
0681	2019 FORD F250 CREWCAB PICKUP 6` 6" BOX	PARKS							43,848	
0682	2019 FORD F250 CREWCAB PICKUP 6` 6" BOX	PARKS							43,848	
0714	2015 CHEVROLET SILVERADO 1500 PICKUP	PW FIELD			28,324					
0715	2015 CHEVROLET SILVERADO 1500 PICKUP	PW FIELD			28,324					
0716	2015 CHEVROLET SILVERADO 1500 PICKUP	PW FIELD			28,324					
0717	2015 CHEVROLET SILVERADO 1500 PICKUP	PARKS			28,324					
0718	2015 CHEVROLET SILVERADO 1500 PICKUP	PARKS			28,324					
1970	2019 GMC SIERRA 1500 PICKUP	PARKS								
1971	2019GMC SIERRA 1500 PICKUP	PARKS								
1973	2019 GMC SIERRA 1500 CREWCAB PICKUP	PARKS								

FLEET REPLACEMENT SCHEDULE - CORPORATE FLEET

(source: FleetFocus as of July 23, 2019)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
1974	2019 GMC SIERRA SLE CREWCAB	PARKS								
1975	2019 FORD F150 PICKUP 4X4 SUPERCREW	HORTICULT								
1976	2019 GMC SIERRA 1500 PICKUP	HORTICULT								
Class 220 - PICKUPS (Life Cycle 7 - 9 Years)										
0654	2017 FORD F150 EXT CAB PICKUP	PW PUMP ST					33,649			
0655	2017 FORD F150 EXT CAB PICKUP	PW PUMP ST					33,649			
0656	2017 FORD F150 EXT CAB PICKUP	PW ROW MAI					33,649			
0657	2017 FORD F150 EXT CAB PICKUP	FORESTRY					33,649			
0658	2018 CHEVROLET SILVERADO 1500 EXT CAB PU	PW FIELD						36,020		
0659	2018 CHEVROLET SILVERADO 1500 REG CAB PU	PARK SERV						36,906		
0660	2018 FORD F150 PICKUP	FAC MGT						36,220		
0665	2013 GMC SIERRA 1500 REG CAB PICKUP	PW ENVTAL						32,710		
0666	2013 CHEVROLET SILVERADO REG CAB PICKUP	PW ENVTAL						28,022		
0669	2014 FORD F150 STD CAB 8' BOX PICKUP	PW ENVTAL	29,056						32,170	
0670	2019 FORD F150 PICKUP	PW ENVTAL								
0671	2019 FORD F150 PICKUP	PW ENVTAL								
0672	2019 FORD F150 PICKUP	PW ENVTAL								
0673	2019 FORD F150 PICKUP	TRAF SIGNA								
0674	2019 FORD F150 PICKUP	FAC MGT								
0675	2019 FORD F150 PICKUP	PW FIELD								
0676	2019 FORD F150 PICKUP	PW FIELD								
0677	2019 FORD F150 PICKUP	PW ROW MAI								
0695	2013 GMC SIERRA REG CAB 8' BOX PICKUP	HORTICULT	26,480							29,732
0697	2013 GMC SIERRA EXT CAB 6' BOX PICKUP	HORTICULT	26,279							29,507
0699	2013 GMC SIERRA EXT CAB 6' BOX PICKUP	PW SEWER	26,279							29,507
0719	2016 FORD F150 PICKUP REG CAB 8' BOX	PARKS				36,573				
0720	2016 FORD F150 PICKUP REG CAB 8' BOX	PARKS				36,573				
0721	2016 FORD F150 PICKUP REG CAB 8' BOX	PW WWPCP				36,573				
0722	2016 FORD F150 PICKUP REG CAB 8' BOX	SIGNS&MARK				36,573				
0723	2016 FORD F150 PICKUP REG CAB 8' BOX	FAC MGT				36,573				
0724	2016 FORD F150 PICKUP REG CAB 8' BOX	PW ENVTAL				36,573				
0725	2017 GMC SIERRA 1500 REGULAR CAB PICKUP	SIGNS&MARK					39,679			
0734	2013 GMC SIERRA EXT CAB 6' BOX PICKUP	PW ROW MAI	26,279							29,507
Class 230 - SERVICE BODY UTILITY (Life Cycle 9 - 11 Years)										
0737	2011 FORD F350 SUPER DUTY SERVICE BODY	SIGNS&MARK								
0738	2008 FORD F350 REG CAB SERVICE BODY	SIGNS&MARK								

FLEET REPLACEMENT SCHEDULE - CORPORATE FLEET

(source: FleetFocus as of July 23, 2019)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
0739	2008 FORD F350 REG CAB SERVICE BODY	SIGNS&MARK								
0740	2008 FORD F350 REG CAB SERVICE BODY	SIGNS&MARK								
0750	2012 GMC SAVANA CUTAWAY STAHL HI-ROOF	PW ELECTR				66,913				
0751	2012 GMC SAVANA CUTAWAY STAHL HI-ROOF	PW ELECTR				66,913				
0752	2013 FORD F350 SUPER DUTY SERVICE TRUCK	PARKS			61,126					
0753	2014 FORD F350 SUPER DUTY DUMP TRUCK	PARKS				73,187				
0754	2014 FORD F350 SUPER DUTY DUMP TRUCK	FAC MGT				55,122				
0770	2011 CHEVROLET SILVERADO 2500 4X4 PICKUP	PW WWPCP			37,202					
0771	2012 CHEVROLET SILVERADO 2500 4X4 PICKUP	PW LRPCP			38,625					
0777	2011 CHEVROLET SILVERADO 2500 4X4 PICKUP	PARK SERV			30,274					
0780	2013 GMC SIERRA 4X4 REG CAB PICKUP	PARKS		41,780						
0781	2013 GMC SIERRA 4X4 REG CAB PICKUP	PARKS		41,780						
0782	2015 FORD F350 4X4 PICKUP SRW	PARKS					44,449			
0783	2018 CHEVROLET SILVERADO 3500 PICKUP	PARKS								55,321
3017	2012 CHEVROLET SILVERADO 3500 PICKUP	FIRE				36,751				
3018	2012 CHEVROLET SILVERADO 3500 PICKUP	FIRE				36,429				
Class 246 - CREW CABS UTILITY (Life Cycle 9 - 11 Years)										
0791	2011 CHEVROLET SILVERADO WT 3500 CREWCAB	HORTICULT	62,517							
0792	2011 CHEVROLET SILVERADO 3500 CREW CAB	HORTICULT		16,800						18,600
0796	2011 CHEVROLET SILVERADO WT 3500 CREWCAB	PARKS	60,656							
0797	2011 CHEVROLET SILVERADO WT 3500 CREWCAB	PARKS	60,656							
0798	2013 GMC SIERRA 3500 HD CREWCAB	PARKS			55,092					
0799	2016 FORD F350 XL CREWCAB FLATBED	PARKS						67,298		
0800	2016 FORD F350 XL CREWCAB FLATBED	PARKS						62,607		
0801	2019 FORD F350 FLAT BED	HORTICULT								
Class 305 - 10000 GVW TRUCKS (Life Cycle 9 - 11 Years)										
0853	2015 FORD F350 B DUMP TRUCK	PW SEWER			49,044					
0854	2011 CHEVROLET SILVERADO WT 3500 TRUCK	PW ROW MAI								61,174
0855	2011 CHEVROLET SILVERADO WT 3500 TRUCK	PW ROW MAI								61,174
0856	2011 CHEVROLET SILVERADO WT 3500 TRUCK	PW ROW MAI	54,686							
0858	2011 CHEVROLET SILVERADO WT 3500 TRUCK	PW ROW MAI								61,174
0859	2013 GMC SIERRA 3500 HD CREWCAB	PW ROW MAI			58,026					
0868	2018 FORD F350 B DUMP TRUCK	PW WINTERC								64,266
0869	2018 FORD F350 B DUMP TRUCK	PW WINTERC								64,266
0870	2018 FORD F350 B DUMP TRUCK	PW ROW MAI								48,227
0872	2007 DODGE RAM 3500 B DUMP TRUCK	PARKS								

FLEET REPLACEMENT SCHEDULE - CORPORATE FLEET

(source: FleetFocus as of July 23, 2019)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
0874	2008 FORD F350XL SUPER DUTY B TRUCK	PW ROW MAI	59,559							
Class 325 - 14000 TO 20000 GVW TRUCKS (Life Cycle 9 - 11 Years)										
0930	2016 FORD F550 XL 4X4 DUMP TRUCK	PW WINTERC					90,479			
0931	2016 FORD F550 XL 4X4 DUMP TRUCK	PW WINTERC					90,479			
0941	2013 FORD F550 FLAT BED B TRUCK	PARKS			81,200					
Class 330 - 22000 TO 28000 GVW TRUCKS (Life Cycle 10 - 12 Years)										
0946	2008 STERLING ACTERRA CHIPPER TRUCK	FORESTRY			100,337					
0947	2016 FREIGHTLINER M2-106 B TRUCK	PW WINTERC							165,760	
0948	2016 FREIGHTLINER FL-80-106 B TRUCK	PW WINTERC							165,760	
Class 360 - 33000 TO 35000 GVW TRUCKS (Life Cycle 10 - 12 Years)										
0971	2010 NAVISTAR 7400 SFA DUMP SALTER PLOW	PW WINTERC			132,731					
Class 365 - 50000-60000 GVW TRUCKS (Life Cycle 10 - 12 Years)										
0991	2005 INTERNATIONAL 7500 HT570 SNOW PLOW	PW WINTERC								
0992	2007 STERLING LT8500 SNOW PLOW	PW WINTERC								
0993	2007 STERLING LT8500 SNOW PLOW	PW WINTERC								
0994	2007 STERLING LT8500 A TRUCK TDM DUMP	PARKS								
Class 405 - 14 CU YD PACKERS										
1012	2015 FORD F550 14 CU YD PACKER	PARKS					131,738			
1016	2019 FORD F550 14 CU YD PACKER	PW ENVTAL								
Class 435 - 20 CU. YD. 50000 GVW PACKERS (Life Cycle 8 - 10 Years)										
1058	2019 FREIGHTLINER M2106 PACKER	PW ENVTAL								
1059	2007 FREIGHTLINER M2 TANDEM PACKER	PW ENVTAL			181,906					
Class 440 - PACKER FRONT END LOADER (Life Cycle 8 - 10 Years)										
1078	2016 MACK MRU613 FEL WITTKER BODY	PW ENVTAL							344,322	
Class 450 - 17 CU YARD SIDE LOADING PACKER (Life Cycle 8 - 10 Years)										
1084	2015 FREIGHTLINER M2106 ONE-MAN PACKER	PARKS						261,736		
1099	2007 FREIGHTLINER M2 17 YD PACKER	PW ENVTAL	250,069							
Class 506 - AERIAL TRUCK 22000 GVW (Life Cycle 10 - 12 Years)										
1225	2002 FREIGHTLINER FL60	SIGNALS								
1226	2002 FREIGHTLINER FL60	SIGNALS								
1227	2005 FORD F550XL SUPER DUTY TRUCK	SIGNS&MARK				152,326				
1228	2007 STERLING ACTERRA AERIAL TRUCK	SIGNALS			222,197					
Class 511 - AERIAL TRUCKS 33000 GVW (Life Cycle 10 - 12 Years)										
1247	2010 FREIGHTLINER CONVENTIONAL AERIAL	FORESTRY	267,240							
1248	2011 FREIGHTLINER CONVENTIONAL	FORESTRY	267,240							
Class 520 - 6 CU YD. VACUUM STREET SWEEPER (Life Cycle 10 - 12 Years)										

FLEET REPLACEMENT SCHEDULE - CORPORATE FLEET

(source: FleetFocus as of July 23, 2019)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
1263	2008 ELGIN WHIRLWIND MV-3043-D SWEEPER	PW ENVTAL								
1267	2016 RAVO 5 SERIES STREET SWEEPER	PW ENVTAL								435,000
1268	2016 RAVO 5 SERIES STREET SWEEPER	PW ENVTAL								435,000
1269	2017 RAVO 5 SERIES STREET SWEEPER	PW ENVTAL								
1274	2013 ELGIN WHIRLWIND MV-3025 SWEEPER	TECUMSEH								
Class 529 - TRUCK WATER TANK (Life Cycle 20 Years)										
1311	2008 STERLING ACTERRA WATER TRUCK	HORTICULT								
Class 531 - SEWER VACTOR (Life Cycle 10 - 12 Years)										
1319	2011 INTERNATIONAL WORK STAR VACTOR	PW SEWER			455,934					
1321	2015 FREIGHTLINER 2100 VACTOR TRUCK	PW SEWER						461,258		
Class 535 - DUMP/CRANE TRUCKS (Life Cycle 10 - 12 Years)										
1327	2015 FREIGHTLINER M-2 CRANE/DUMP	FORESTRY					168,827			
Class 537 - LINE PAINTING TRUCK (Life Cycle 20 Years)										
1331	2002 GMC T8500 LINETECH TM52275AA	SIGNS&MARK				611,074				
Class 603 - SEWER RODDERS - TRUCK MOUNTED (Life Cycle 12 - 15 Years)										
1360	1999 FORD F450 XL TRUCK	PW SEWER		197,388						
Class 608 - SEWER BUCKET MACHINES (Life Cycle 20 Years)										
1369	1985 SRECO PULLBACK SEWER BUCKET	PW SEWER		37,123						
1370	1985 SRECO LOADER	PW SEWER		36,952						
Class 640 - BRUSH CHIPPER DIESEL (Life Cycle 10 - 15 Years)										
1433	2013 VERMEER BC 1800XL WOOD CHIPPER	FORESTRY					88,308			
1436	2007 VERMEER BRUSH CHIPPER 1800 XL TRAIL	FORESTRY	79,348							
1437	2011 VERMEER BC1000XL WOOD CHIPPER	FORESTRY			37,865					
1439	2013 VERMEER BC1500 WOOD CHIPPER	FORESTRY				59,513				
Class 645 - GAS GOLF CARTS										
1460	2017 CUSHMAN HAULER 1200 GOLF CART	PW WWPCP								23,201
1461	2017 CUSHMAN HAULER 1200 GOLF CART	PW WWPCP								23,201
Class 650 - MISCELLANEOUS TRAILERS (Life Cycle 12 - 15 Years)										
1477	2000 NOBLE INDUSTRIES STRAIGHTLINE TRAIL	SIGNS&MARK	6,985							
1478	2000 NOBLE INDUSTRIES STRAIGHTLINE TRAIL	SIGNS&MARK	6,985							
1479	2000 NOBLE INDUSTRIES STRAIGHTLINE TRAIL	SIGNS&MARK	6,985							
1480	2019 PJ TRAILERS TJ202 CAR HAULER TILT	PARKS								
1481	2002 FOREST RIVER CARGO TRAILER	SIGNS&MARK	3,413							
1487	2001 ROBCOL EXPC/5T TRAILER	SIGNALS					23,590			
1488	2001 ROBCOL EXPC/5T TRAILER	SIGNALS					23,590			
Class 660 - 2 - 6 CU. YD. SALT SPREADERS (Life Cycle 9 - 11 Years)										

FLEET REPLACEMENT SCHEDULE - CORPORATE FLEET

(source: FleetFocus as of July 23, 2019)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
0649S	2015 WESTERN 7800 7' 1.5 CU YD SALTER	PW ENVTAL					6,842			
0770S	2011 WESTERN 7800 7' 2.5 CU YD SALTER	PW WWPCP				4,972				
0777S	2011 SNO-WAY 1.5 CU YD SALTER	PARK SERV				6,277				
0780S	2013 WESTERN TORNADO SLIDE IN SPREADER	PARKS		6,444						
0781S	2013 WESTERN TORNADO SLIDE IN SPREADER	PARKS		6,444						
0782S	2015 SALTDogg 2.0 CU YD SALTER	PARKS					10,243			
0783S	2018 WESTERN ELECTRIC 2.0 CU YD SALTER	PARKS								
0930S	2014 FISHER PRO-CASTER SALTER	PW WINTERC					20,727			
0931S	2008 FISHER PRO-CASTER SALTER 3.3 CU YD	PW WINTERC	6,997							
0939S	2011 WESTERN 2.5 CU YD ICE BREAKER SALT	PARKS	13,757							
0947S	2011 WESTERN 3.3 CU YD ICE BREAKER SALT	PW WINTERC	23,694							
0948S	2008 FISHER PRO-CASTER SALTER 3.3 CU YD	PW WINTERC	15,571							
Class 664 - 7 - 10 CU YD. SALT SPREADERS (Life Cycle 9 - 11 Years)										
0971S	2006 SCHMIDT STRATOS 4 CU YD SALTER	PW WINTERC				90,100				
0991S	2013 SCHMIDT STRATOS B70-42 SALTER COMBI	PW WINTERC				90,100				
0992S	2004 SCHMIDT STRATOS V BODY SALTER	PW WINTERC								
0993S	2004 SCHMIDT STRATOS V BODY SALTER	PW WINTERC								
Class 665 - LARGE SNOW PLOWS (Life Cycle 9 - 11 Years)										
0971P	2011 VIKING CHIVES MONASHEE LARGE PLOW	PW WINTERC				72,195				
0991P	2015 VIKING-CIVES 11' SNOW PLOW	PW WINTERC					13,712			
0992P	2008 VIKING LARGE PLOW 11'	PW WINTERC								
0993P	2008 VIKING LARGE PLOW 11'	PW WINTERC								
Class 667 - SMALL SNOW PLOWS (Life Cycle 9 - 11 Years)										
0649P	2015 WESTERN 7'6" SNOW PLOW	PW ENVTAL					8,118			
0770P	2011 PRO PLOW 7.5 STEEL SNOW PLOW	PW WWPCP				7,355				
0771P	2012 FISHER V SNOW PLOW	PW LRPCP				5,510				
0777P	2011 WESTERN SMALL PLOW 7.5 PRO STEEL	PARK SERV				7,172				
0780P	2013 WESTERN SNOW PLOW 7.5' FULL TRIP	PARKS		6,367						
0781P	2013 WESTERN SNOW PLOW 7.5 FULL TRIP	PARKS		6,367						
0782P	2017 WESTERN 8' PRO PLOW	PARKS					9,252			
0783P	2018 WESTERN 8' PRO PLOW	PARKS								9,606
0873P	2009 WESTERN PRO SMALL PLOW 8'6"	STOR								
0930P	2007 WESTERN SMALL PLOW 9' ULTRA MOUNT	PW WINTERC		9,868						
0931P	2015 WESTERN PRO PLUS 9' PLOW	PW WINTERC					12,460			
0939P	2015 WESTERN PRO PLUS 9 FOOT PLOW	PARKS					12,460			
0947P	2016 VIKING-CIVES 9' TRIP EDGE SNOW PLOW	PW WINTERC						23,566		

FLEET REPLACEMENT SCHEDULE - CORPORATE FLEET

(source: FleetFocus as of July 23, 2019)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
0948P	2016 VIKING-CIVES 9' TRIP EDGE SNOW PLOW	PW WINTERC						23,566		
Class 680 - CRASH ATTENUATORS										
1580	2016 VORTEQ CRASH ATTENUATOR	POOL								
Class 700 - FORK LIFTS (Life Cycle 20 Years)										
1603	2013 HYUNDAI 25L-7A FORKLIFT	SIGNS&MARK								
Class 710 - SNOWBLOWER DIESEL (Life Cycle 20 Years)										
1620	1978 VOHL SNOW BLOWER	PW WINTERC			143,015					
Class 735 - LAWN TRACTORS/RIDING MOWERS (Life Cycle 15 Years)										
1672	2013 FRONT MOWER F3080 MOWER/BLOWER	PW LRPCP								
1673	2011 JOHN DEERE 1445 LAWN MOWER	PW WWPCP							44,092	
Class 740 - FEL LOADER / BACKHOE (Life Cycle 15 Years)										
1683	2005 CASE 621D 4 WHEEL LOADER	PARKS	177,413							
1684	2016 CAT 926M WHEEL LOADER	PW WINTERC								
Total Number of Active Units:		294								
Subtotal:			2,149,892	1,526,827	1,991,572	2,114,813	1,166,409	1,644,870	1,174,348	1,720,024
Unrecoverable HST:			37,838	26,872	35,052	37,221	20,529	28,950	20,669	30,272
Total Estimated Cost:			2,187,730	1,553,699	2,026,624	2,152,034	1,186,938	1,673,820	1,195,017	1,750,297
Emergency Replacement Contingency:			100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Total Estimated Cost:			2,287,730	1,653,699	2,126,624	2,252,034	1,286,938	1,773,820	1,295,017	1,850,297
Budget Submission:			2,288,000	1,654,000	2,127,000	2,253,000	1,287,000	1,774,000	1,296,000	1,851,000

Notes:

- Total cost includes purchase price plus capitalization.
- Estimated replacement cost represents total cost plus an annual inflation factor from the date of purchase. The inflation factor is currently set to 2.00%.
- Fire and Rescue Services has a separate fleet replacement schedule. The replacement of Fire's small fleet is based on Public Works methodology.
- Units are placed on the schedule based on an operational assessment. Units are evaluated annually based on a variety of factors to determine if replacements are required in the current year or can be



Project Version Summary

Project #	OPS-022-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Fleet
Title	Purchase of Fleet Additions and Upgrades		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	2017 (Active)		

Project Description

Funds are required to cover the cost of fleet additions and upgrades required to maintain service delivery levels. While the capital budget is based on a 5-year plan, fleet requests are provided on an annual basis, therefore, submissions will be made each year based on user requirements.

All requests are subject to review by the Fleet Review Committee.

Version Description

2020:
 Add 1 roll off truck and (8) roll off bins - Environmental Services (Operating Budget Submission: 2020-0248)
 Add 1 heavy duty truck with flat bed for Pollution Control - pump stations (Operating Budget Submission: 2020-0348)
 Add 5 electric vehicles - Building (Operating Budget Submission 2020-0283 / 2020-0288)
 Add 1 pick up truck - Facility Operations (Operating Budget Submission 2020-0298)
 Add 1 heavy duty truck, 2 minivan/electric vehicles - Parks (long term seasonal unit conversions)

Unforeseen / Emergency Additions
 2021:
 Add 1 bus - Huron Lodge

Unforeseen / Emergency Additions
 2020 - 2021:

Project Comments/Reference

See Document Attached
 Active: 7191023/ 7201009
 (Closed: 7065024/ 7096002/ 7111020/ 7121008/ 7131113/ 7141003/ 7161035/
 7151010/ 7171022/ 7181017)

Version Comments

Unforeseen/Emergency Additions

Fleet Additions & Upgrades Budget Summary

Item	Department/ Division	Fleet Area	Equipment Request	Request Type	Background Information	2020	2021	2022	2023	2024	2025	2026	2027
1	Environmental	Corporate	1 Roll Off Truck	Addition	Convert roll off truck services from a contracted service to an internal service provided by Environmental for Pollution Control plants, Parks, WFCU, EWSWA, and other potential users.	\$ 143,770							
	Environmental	Corporate	(8) Roll Off bins for Roll Off Service	Equipment	Roll off bins required for roll off service with truck in item 1	\$ 28,000							
2	Pollution Control - Pump Stations	Corporate	1 Heavy Duty Truck with a flat bed, drop down sides and lifting crane	Addition	Pollution Control's Pump Stations require a heavy duty truck with crane capabilities for lifting pumps from wells and other equipment on to a flat bed for transport. The vehicle will be used to tow a trailer with pumps, generator and a boat and will also need to service the new pump station planned off Provincial which has larger pumps and requires a longer reach.	\$ 140,000							
5	Building	Corporate	1 Electric Vehicle	Addition	Convert Supervisor Position	\$ 45,000							
6	Building	Corporate	4 Electric Vehicles	Addition	Convert (4) temp building inspectors	\$ 180,000							
7	Facility Operations	Corporate	1 Truck	Addition	Addition of One Supervisor	\$ 35,000							
8	Parks - Horticulture	Corporate	1 Heavy Duty Truck	Addition / Conversion	Parks - Horticulture has been utilizing a seasonal vehicle to supplement their dedicated fleet for many years. It is recommended that this unit be converted from the seasonal status to the dedicated rental rate system as the unit is required all year to meet their operational needs. Converting the unit will allow the department to have a unit which will be part of the corporate fleet replacement plan rather than utilizing a specialized vehicle that may be disposed of at anytime if it is not effective to maintain or repair.	\$ 65,000							
9	Parks - Design & Development	Corporate	1 Minivan or Electric Vehicle	Addition / Conversion	Parks - Design & Development does not have any dedicated vehicles assigned to the Division, therefore, they have been renting a seasonal vehicle for many years. This unit is required year round to meet their operational needs and is shared among 3 employees. Purchasing an addition will allow the department to have a dedicated unit which will be part of the corporate fleet replacement plan. An electric vehicle may be purchased pending vehicle availability and incentives.	\$ 45,000							

Fleet Additions & Upgrades Budget Summary

Item	Department/ Division	Fleet Area	Equipment Request	Request Type	Background Information	2020	2021	2022	2023	2024	2025	2026	2027
10	Parks	Corporate	1 Minivan or Electric Vehicle	Addition / Conversion	Parks has been utilizing a seasonal vehicles since at least 2016. These units are required to meet their operational needs. Purchasing a vehicle will allow the department to have dedicated units which will be part of the corporate fleet replacement plan. An electric vehicle may be purchased pending vehicle availability and incentives.	\$ 45,000							
#REF!	Huron Lodge	Corporate	1 Bus	Addition	A bus is required to replace the current 2009 model that was purchased using charitable funds, therefore it is not on the corporate fleet replacement plan. The life cycle for this unit is 12 years and the condition rating is "very good". This bus is used to transport residents and staff members on various outings throughout Windsor and Essex County as per the Long Term Care Homes Act and Regulations. This is the only bus Huron Lodge has to provide this service. Huron Lodge will be submitting a budget issue during the 2020 budget process to request operating funds for a dedicated fleet unit.			\$ 90,000					
#REF!	Various	All	Unforeseen and/or emergency additions.	Addition	While capital budget is based on a 8 year plan, equipment requests are provided on an annual basis, therefore, submissions will be made each year based on user requirements unless the user is able to forecast farther in advance.	\$ 150,000	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
Total Fleet Additions/Upgrades						\$ 876,770	\$ -	\$ 240,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
Rounded						\$ 877,000	\$ -	\$ 240,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000

Notes:

1. All requests must be reviewed by the Fleet Review Committee prior to being submitted as a capital budget request.
2. Estimated Purchase Price represents purchase price and capitalization costs.



Project Version Summary

Project #	OPS-027-18	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Fleet
Title	Greening the Fleet		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The City of Windsor has a number of plans that identify greening the fleet as an objective for the Fleet Division. The Environmental Master Plan identifies greening the fleet as an objective to reduce air emissions caused by City vehicles in order to create healthier communities. To demonstrate the City's commitment toward reducing its environmental impact, City Council adopted a resolution (M502-2012) to receive the Green Fleet Plan for information and approve it as a guiding document for the operation and management of the City's fleet. The plan includes an action item to "consider the purchase of green vehicles including hybrid, electric or alternative fuel vehicles where one is available in the appropriate class of vehicles and is operationally and economically feasible." Furthermore, Council recently approved the City's Corporate Climate Change Action Plan (CCAP) which aligns with the Ontario Climate Change Action Plan which includes electric vehicle incentives.

This project is to assist with implementing new technologies, vehicles and equipment to green the city fleet to reduce emissions and reduce the total cost of fuel. For vehicles included in the City's fleet equipment replacement plans, this project is to provide funding for the incremental costs.

Version Description

The Fleet Review Committee approved the implementation of a pilot electric vehicle program in 2017. The Ontario government's modernization of the electric vehicle incentive program has made electric vehicles more affordable by offering incentives in 2017 for the purchase of electric vehicles as well as charging stations. Additionally there is a greater selection of electric vehicles from all manufacturers available for consideration. With the elimination of these incentive programs and grant funding opportunities, expansion of electric vehicles in the corporate fleet will require capital funds for the incremental vehicle costs as well as the purchase and installation of electric charging stations.

Project Comments/Reference

Version Comments

The Fleet Division purchased 3 vehicles during its pilot electric vehicle program in 2017 consisting of 1 hybrid, 1 plug-in hybrid and 1 fully electric vehicle. Provincial incentives were eliminated in 2018. In 2019, a federal incentive was introduced for the purchase of electric vehicles. In 2019, 6 fully electric vehicles have been added to the corporate fleet.

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	0	0	0
2021	0	0	0
2022	50,000	50,000	0
2023	50,000	50,000	0
2024	50,000	50,000	0
2025	50,000	50,000	0
2026	50,000	50,000	0
2027	50,000	50,000	0
2028+	50,000	50,000	0
	350,000	350,000	0

Project Detailed Forecast										
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses										
5110 Machinery & Equipment - TCA	0	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	350,000
Total	0	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	350,000
Revenues										
169 Pay As You Go - Capital Reserve	0	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	350,000
Total	0	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	350,000

Historical Approved Budget

Related Projects

Operating Budget Impact			
Effective Date	Description	Exp/(Rev)	FTE Impact
Unknown	Implementation of greener vehicles results in reductions in maintenance and fuel costs	0	0

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2018	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %	Angela Marazita	Ongoing



Project Version Summary

Project #	OPS-004-19	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Technical Support
Title	Infor Hansen Infrastructure Management System		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Version Description
<p>Upgrade of the Infor Hansen infrastructure management software system and the implementation of a mobile solution for Hansen.</p> <p>The Infor Hansen system is used by Public Works and corporately for infrastructure asset management and work order management to track & record infrastructure assets, work order repair histories, inspections, condition ratings, and repairs performed. The system is used to manage the road network assets, sewer & drainage networks, bridges, sidewalks, railway grade crossings, private drain connections, etc. The system is also used by Parks Forestry to manage the tree inventory and related forestry activities.</p> <p>The proposed upgrade will move the software from Hansen Version 8.2.3 to the latest version. The first priority for the implementation of a mobile solution for Hansen is the sidewalk inspection program. Mobility could then be expanded to other field inspection programs and field work in the future. An upgrade to the base system software is required for the implementation of a mobile solution for Hansen.</p> <p>This project will also fund future upgrades and system costs once the current upgrade is complete and mobile solution implemented. The next upgrade would be planned for 2026 to 2027.</p>	<p>The last software upgrade was completed in 2012 (Hansen 7 to Hansen 8.2.3 web-based). Upgrades are recommended as a component of regular software system maintenance to leverage new features, enhancements, and development in the software and to maintain system compatibility with other systems that it must communicate with in order to function. An upgrade to the latest version of Hansen is recommended at this time and needed to implement mobile technologies and other features.</p> <p>The project includes the implementation of a mobile solution to improve data availability and operational efficiency in-the-field by:</p> <ul style="list-style-type: none"> • reducing the number of hard copy forms, • eliminating data entry backlogs, • expediting the release of inspection results and issuance of work orders, • enabling real-time data capture during data collection, inspections, and repairs • querying capabilities of asset information, work orders, & inspections in the field <p>The first priority for the mobility implementation is the sidewalk inspection program.</p> <p>The preliminary project estimate includes software licensing, software support costs, hardware & devices, professional services (upgrade & mobility), internal resources, and fees. The preliminary cost breakdown is \$115k for the Upgrade (Phase 1- 2019 to 2020) and \$160,000 for Mobility (Phase 2 – 2020 to 2021).</p> <p>The preliminary cost estimate is \$275,000. A placeholder of \$50,000 in funding is currently available in the Asset Planning Service Design and Implementation Project (Project 7131117) pending approval by the Asset Planning Steering Committee. The approval of the Asset Planning Steering Committee is contingent on the approval of the balance of project funding in principle by Council. This capital budget submission requests the remaining \$225,000 needed to fully fund this project.</p> <p>Once the current upgrade and mobility is complete, this project will also fund future upgrades and system costs. A placeholder amount of \$130,000 is included for this purpose in future years. The next scheduled upgrade would be planned for the 2026 to 2027 timeframe.</p>
Project Comments/Reference	Version Comments
7209001	

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies											
2020	135,000	135,000	0	Expenses										
2021	90,000	90,000	0	5126	Computer Software									
2022	0	0	0		135,000	90,000	0	0	0	0	65,000	65,000	0	355,000
2023	0	0	0		Total	135,000	90,000	0	0	0	65,000	65,000	0	355,000
2024	0	0	0	Revenues										
2025	0	0	0	028	Sewer Surcharge									
2026	65,000	65,000	0		47,250	31,500	0	0	0	0	22,750	22,750	0	124,250
2027	65,000	65,000	0	176	Federal Gas Tax Rebate									
2028+	0	0	0		87,750	58,500	0	0	0	0	42,250	42,250	0	230,750
	355,000	355,000	0		Total	135,000	90,000	0	0	0	65,000	65,000	0	355,000
Historical Approved Budget														
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	Upgrading and Implementation of technology will result in ongoing increased maintenance and support costs								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date					
2019	January 1, 2019	Growth: 52.0 % Maintenance: 48.0 %		Diana Digirolamo					Ongoing					



Project Version Summary

Project # ECB-012-18 **Service Area** Office of the City Engineer
Budget Year 2020 **Department** Public Works
Asset Type Unassigned **Division** Traffic Operations & Parking

Title Pedestrian Street Lighting on Ottawa St.
Budget Status Council Approved Budget
Major Category Roads Infrastructure
Wards Ward 4
Version Name Main (Active)

Project Description			Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.			Funding to allow for the supply of additional fixtures to be installed onto the existing poles to provide better pedestrian lighting on Ottawa St. from Pierre Ave. to Windermere Ave.											
Project Comments/Reference			Version Comments											
7183009			PRE-COMMITMENT: CR123/2018, Report # C 20/2018 approved a pre-commitment of \$158,000 in 2020.											
Project Forecast			Project Detailed Forecast											
		Revenue												
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
2020	158,000	158,000	0	Expenses										
2021	0	0	0	5410	Construction Contracts - TCA									
2022	0	0	0		158,000	0	0	0	0	0	0	0	0	158,000
2023	0	0	0		Total	158,000	0	0	0	0	0	0	0	158,000
2024	0	0	0	Revenues										
2025	0	0	0	169	Pay As You Go - Capital Reserve									
2026	0	0	0		158,000	0	0	0	0	0	0	0	0	158,000
2027	0	0	0		Total	158,000	0	0	0	0	0	0	0	158,000
2028+	0	0	0											
	158,000	158,000	0											
Historical Approved Budget			Operating Budget Impact											
Related Projects														
Year Identified	Start Date	Project Type for 2020	Project Lead					Est. Completion Date						
2018	March 1, 2018	Growth: 100.0 % Maintenance: 0.0 %	Tiffany Pocock					2019						



Project Version Summary

Project # ECP-001-07 **Service Area** Office of the City Engineer
Budget Year 2020 **Department** Public Works
Asset Type Unassigned **Division** Traffic Operations & Parking

Title Citywide Streetlight Pole/Wiring Rehabilitation & Relocations
Budget Status Council Approved Budget
Major Category Transportation
Wards City Wide
Version Name Main (Active)

Project Description
 Several programs have been developed to replace, upgrade and maintain various street lights city wide. This includes:
 -Street light relocation due to Enwin capital hydro project upgrades
 -Upgrades to street light poles and wiring

Project Comments/Reference
 (7093003 closed)/7035011

Version Description
 2020 - 2027: Street light relocations, upgrades to street light poles and wiring citywide
 -Citywide street light relocation due to Enwin capital hydro project repairs and maintenance to street light poles and wiring.

Version Comments

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	240,000	240,000	0
2021	500,000	500,000	0
2022	200,000	200,000	0
2023	362,000	362,000	0
2024	200,000	200,000	0
2025	406,555	406,555	0
2026	1,360,000	1,360,000	0
2027	1,360,000	1,360,000	0
2028+	1,200,000	1,200,000	0
	5,828,555	5,828,555	0

Project Detailed Forecast		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses											
5410	Construction Contracts - TCA										
		240,000	500,000	200,000	362,000	200,000	406,555	1,360,000	1,360,000	1,200,000	5,828,555
	Total	240,000	500,000	200,000	362,000	200,000	406,555	1,360,000	1,360,000	1,200,000	5,828,555
Revenues											
221	Service Sustainability Investm										
		240,000	500,000	200,000	362,000	200,000	406,555	1,360,000	1,360,000	1,200,000	5,828,555
	Total	240,000	500,000	200,000	362,000	200,000	406,555	1,360,000	1,360,000	1,200,000	5,828,555

Historical Approved Budget		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2007	200,000	200,000	0
2008	375,000	375,000	0
2009	800,000	800,000	0
2010	800,000	800,000	0
2011	850,000	100,000	750,000
2015	120,000	120,000	0
2016	340,000	340,000	0
2017	400,000	400,000	0
2018	700,000	700,000	0
2019	520,000	520,000	0

Related Projects

Operating Budget Impact		Exp/(Rev)	FTE Impact
Effective Date	Description		
Unknown	Upgraded street light equipment is likely to result in reduced energy and maintenance costs.	0	0

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2007	January 1, 2007	Growth: 0.0 % Maintenance: 100.0 %	Tiffany Pocock	Ongoing



Project Version Summary

Project #	ENG-003-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type		Division	Traffic Operations & Parking
Title	New Streetlights on Collectors and Arterials		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
This program relates to collector and arterial roads which do not currently meet City policies related to the provision of street lights.															
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	0	0	0		0	0	100,000	100,000	100,000	0	100,000	100,000	400,000	900,000	
2022	100,000	100,000	0	Total	0	0	100,000	100,000	100,000	0	100,000	100,000	400,000	900,000	
2023	100,000	100,000	0	Revenues											
2024	100,000	100,000	0	169 Pay As You Go - Capital Reserve											
2025	0	0	0		0	0	100,000	100,000	100,000	0	100,000	100,000	400,000	900,000	
2026	100,000	100,000	0	Total	0	0	100,000	100,000	100,000	0	100,000	100,000	400,000	900,000	
2027	100,000	100,000	0												
2028+	400,000	400,000	0												
	900,000	900,000	0												
Historical Approved Budget				Operating Budget Impact											
				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	Depending on the final design, there may be increased streetlight energy and maintenance costs.								0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2017	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %	Tiffany Pocock	Ongoing											



Project Version Summary

Project #	ENG-004-19	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Traffic Operations & Parking
Title	Alley Lighting		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description																																									
To assist with installation of lighting in alleyways as per S129/2018, "Alley Lighting and Related Measures Policy".																																													
Project Comments/Reference				Version Comments																																									
Project Forecast				Project Detailed Forecast																																									
		Revenue																																											
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total																															
2020	0	0	0	Expenses																																									
2021	0	0	0	5410 Construction Contracts - TCA																																									
2022	50,000	50,000	0	<table border="0" style="width: 100%;"> <tr> <td style="width: 100px;"></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">200,000</td> </tr> <tr> <td style="text-align: right;">Total</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">200,000</td> </tr> </table>													0	0	50,000	50,000	50,000	50,000	0	0	0	0	0	0	0	200,000	Total	0	0	50,000	50,000	50,000	50,000	0	0	0	0	0	0	0	200,000
	0	0	50,000	50,000	50,000	50,000	0	0	0	0	0	0	0	200,000																															
Total	0	0	50,000	50,000	50,000	50,000	0	0	0	0	0	0	0	200,000																															
2023	50,000	50,000	0	Revenues																																									
2024	50,000	50,000	0	169 Pay As You Go - Capital Reserve																																									
2025	50,000	50,000	0	<table border="0" style="width: 100%;"> <tr> <td style="width: 100px;"></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">200,000</td> </tr> <tr> <td style="text-align: right;">Total</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">200,000</td> </tr> </table>													0	0	50,000	50,000	50,000	50,000	0	0	0	0	0	0	0	200,000	Total	0	0	50,000	50,000	50,000	50,000	0	0	0	0	0	0	0	200,000
	0	0	50,000	50,000	50,000	50,000	0	0	0	0	0	0	0	200,000																															
Total	0	0	50,000	50,000	50,000	50,000	0	0	0	0	0	0	0	200,000																															
2026	0	0	0																																										
2027	0	0	0																																										
2028+	0	0	0																																										
	200,000	200,000	0																																										
Historical Approved Budget				Operating Budget Impact																																									
				<table border="0" style="width: 100%;"> <tr> <td style="width: 150px;">Effective Date</td> <td>Description</td> <td style="text-align: right;">Exp/(Rev)</td> <td style="text-align: right;">FTE Impact</td> </tr> <tr> <td>Unknown</td> <td>There could be minimal maintenance and energy costs, which are currently unknown and will be determined at a future date.</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> </table>												Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	There could be minimal maintenance and energy costs, which are currently unknown and will be determined at a future date.	0	0																						
Effective Date	Description	Exp/(Rev)	FTE Impact																																										
Unknown	There could be minimal maintenance and energy costs, which are currently unknown and will be determined at a future date.	0	0																																										
Related Projects																																													
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date																																									
2019	May 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Tiffany Pocock	Ongoing																																									



Project Version Summary

Project #	OPS-001-13	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Traffic Operations & Parking
Title	Parking Equipment Replacement Program		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	Ward 2, Ward 3, Ward 4		
Version Name	Main (Active)		

Project Description
 There are several pieces of equipment used in the day to day operations for the On/Off Street Parking Division that require upgrading/replacement over the next several years due to age and new payment technologies.

This project is funded from the On-Off Street Parking Reserve Fund. The balance in the On-Off Street Parking Reserve Fund as of December 31, 2018 is \$918,837. The current 10-year reserve forecast, including the capital funding for this project, projects this reserve will remain sustainable.

Version Description
 An annual allotment of funds is identified for replacement of equipment each year. Equipment being replaced includes parking meters, exit gates, entrance gates, cameras, server for new web based parking ID equipment, pay stations, pay & display machines. Replacements could be a result of upgrading of technology and / or replacement due to age or repair requirements.

Project Comments/Reference
 7135001

Version Comments

Project Forecast		Revenue	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2020	102,000	102,000	0
2021	104,000	104,000	0
2022	106,000	106,000	0
2023	108,000	108,000	0
2024	110,000	110,000	0
2025	112,000	112,000	0
2026	114,000	114,000	0
2027	116,000	116,000	0
2028+	238,000	238,000	0
	1,110,000	1,110,000	0

Project Detailed Forecast		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
GL Account											
Expenses											
5110	Machinery & Equipment - TCA										
		102,000	104,000	106,000	108,000	110,000	112,000	114,000	116,000	238,000	1,110,000
	Total	102,000	104,000	106,000	108,000	110,000	112,000	114,000	116,000	238,000	1,110,000
Revenues											
138	Off Street Parking										
		102,000	104,000	106,000	108,000	110,000	112,000	114,000	116,000	238,000	1,110,000
	Total	102,000	104,000	106,000	108,000	110,000	112,000	114,000	116,000	238,000	1,110,000

Historical Approved Budget		Revenue	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2013	106,000	106,000	0
2014	92,000	92,000	0
2015	72,000	72,000	0
2016	62,000	62,000	0
2017	62,000	62,000	0
2018	120,000	120,000	0
2019	100,000	100,000	0

Related Projects

Operating Budget Impact		Exp/(Rev)	FTE Impact
Effective Date	Description		
Unknown	Equipment replacements will likely result in decreased operating costs related to maintenance	0	0

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2013	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Shawna Boakes	Ongoing



Project Version Summary

Project #	OPS-008-20	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Traffic Operations & Parking
Title	Traffic Signal Upgrades and Replacements		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This project covers new and existing signals and signal system upgrades including LED replacements, video detection system upgrades/replacements, and upgrades to audible pedestrian signals required to provide for a safe and effective operating system for the user.

There are 289 signalized intersections operated by the City of Windsor. According to industry standards, the average life cycle of a signalized intersection is 20 years. In 2020, there will be 77 signalized intersections 30 years of age or older, and an additional 107 intersections 20 years of age or older. 20-30 year old signalized intersections represent 63% of the traffic signal infrastructure in the City of Windsor. Currently these intersections are listed in the City's asset management program at an operational level of poor. The average cost to rebuild a signalized intersection ranges from \$90,000 to \$140,000. It is not possible to upgrade all of these intersections in one year, therefore, funding is required on an ongoing basis with intersections upgraded based on priority.

Vehicle detection allows for optimal signal operations and coordination, reduces stops and delays, provides green times based on vehicle demand, and adapts to ever-changing traffic conditions. The City of Windsor utilizes video detection systems. The life of a detection camera is 10 years. Detection cameras will be replaced on a 10 year rotational basis.

The useful life of the LEDs ranges from 7 – 10 years. At the time of purchase, LEDs have a 5-year warranty on lumen output, and will be replaced free of charge if they fall below acceptable lumen levels or have any type of failure within the warranty period.

As of January 1, 2016 AODA legislation requires the installation of accessible pedestrian signals be installed at newly installed signalized intersections, and at intersections where at least 50% of the pedestrian facilities are being upgraded. The cost to implement audible pedestrian signals for an intersection can range from \$10,000 to \$50,000 depending on the existing layout of poles and configuration of the signals.

Version Description

By the end of 2019, the majority of intersections will have new controllers, however, no additional upgrades have been completed. Upgrades required may include replacement of old or damage poles, mast arms, pole bases, cabinets, cabinet / system components, wiring, conduit or other components of the system. In 2020, funds will be used for material and construction costs to upgrade above ground equipment and underground infrastructure. Intersection upgrade priorities will be determined on a year to year basis based on age and condition of equipment.

This project will also provide funding for Video Detection implementation and the associated infrastructure improvements required for its implementation. Historically, vehicle detection systems are embedded into road surfaces. Due to weather conditions (freeze-thaw cycles), vehicle wear and tear and roadway deterioration, the traditional vehicle detectors fail after 5 years of operations and much more quickly once road surfaces start to fracture. Video Detection Systems have progressed over the last five years, providing a reliable vehicle detection system which is not impacted by road conditions, weather or other external factors. Video detection is a prerequisite to the implementation of adaptive signal operation modules and strategies. Funds will be used for installation of video detection on arterial and collector roads not completed.

Full conversion of LED signal heads was completed in late 2013/early 2014. Replacement of LEDs that have reached the end of their useful life cycle has commenced on Huron Church Road and will continue on this arterial until completed. We will then continue on with the priority list which is based on life cycle of LEDs currently installed.

Funds will also be used to install audible signals at intersections where they have been identified through consultation with the local branch of the Canadian National Institute for the Blind (CNIB). Most intersections have push buttons installed for activation of the side street pedestrian phase, in most cases these push buttons are older models where the pad of the push button has worn off and the instruction label is no longer visible. The replacement of these buttons are required as part of on-going maintenance and due to the replacement, they must be replaced with audible style buttons.

The previous signal upgrade and replacement project (OPS-012-07) has been consolidated with the video detection (OPS-002-09), LED replacement (OPS-001-10), and Audible Pedestrian signal implementation (OPS-003-16) projects consolidating all upgrade and replacement work into this new signal program project. Consolidation of these programs will allow Administration the flexibility to manage the work and budgets on an annual basis with consideration to the immediate requirements of each program.

Project Comments/Reference	Version Comments																																																												
2019 Projects (to be closed): 7045076 – New Signals / Signal System Improvements 7109004 – LED Signal Replacements 7192009 – Video Detection 7194000 – Audible Pedestrian Signals A new project ID will be opened for 2020 for consolidated tracking and funds management of the traffic signal program as described above. All remaining funds in the 2019 projects will be transferred to the new 2020 project 7209000 – Traffic Signals – Upgrades and Replacements See Document Attached	PRE-COMMITMENT: CR628/2017, Report # C 169/2017 approved a pre-commitment of \$22,652 in 2019 under the Connecting Links grant program. Note that it is being recommended that budget requests related to audible pedestrian signal implementation be presented to the ODA committee and if approved, funded from capital project 7086008 - Accessibility-ODA Requirements. CONSOLIDATED PROJECTS - HISTORICAL APPROVED BUDGETS: <table border="1"> <thead> <tr> <th>YEAR</th> <th>OPS-012-07</th> <th>OPS-002-09</th> <th>OPS-001-10</th> <th>OPS-003-16</th> </tr> <tr> <td></td> <td></td> <td>Video Detection</td> <td>LED Replacements</td> <td>Audible Signals</td> </tr> </thead> <tbody> <tr><td>2010</td><td>\$300,000</td><td>\$0</td><td>\$50,000</td><td>\$0</td></tr> <tr><td>2011</td><td>\$200,000</td><td>\$0</td><td>\$50,000</td><td>\$0</td></tr> <tr><td>2012</td><td>\$100,000</td><td>\$0</td><td>\$50,000</td><td>\$0</td></tr> <tr><td>2013</td><td>\$100,000</td><td>\$0</td><td>\$50,000</td><td>\$0</td></tr> <tr><td>2014</td><td>\$100,000</td><td>\$0</td><td>\$50,000</td><td>\$0</td></tr> <tr><td>2015</td><td>\$150,000</td><td>\$0</td><td>\$50,000</td><td>\$0</td></tr> <tr><td>2016</td><td>\$300,000</td><td>\$0</td><td>\$0</td><td>\$0</td></tr> <tr><td>2017</td><td>\$300,000</td><td>\$500,000</td><td>\$0</td><td>\$0</td></tr> <tr><td>2018</td><td>\$200,000</td><td>\$0</td><td>\$0</td><td>\$0</td></tr> <tr><td>2019</td><td>\$350,000</td><td>\$500,000</td><td>\$250,000</td><td>\$30,000</td></tr> </tbody> </table> CR530/2019, Report # C 186/2019 (Connecting Links Intake 5) went to Council on November 18, 2019 to pre-commit F169 2021- \$80,000 2022 - \$80,000 and 2023 - \$100,000. Funds are treated as placeholder funding until grant is awarded to the City. Related to Project OPS-003-07. Of note, B8/2019 has resulted in some or all of the original PAYG funding to be identified as Service Sustainability F221 funding.	YEAR	OPS-012-07	OPS-002-09	OPS-001-10	OPS-003-16			Video Detection	LED Replacements	Audible Signals	2010	\$300,000	\$0	\$50,000	\$0	2011	\$200,000	\$0	\$50,000	\$0	2012	\$100,000	\$0	\$50,000	\$0	2013	\$100,000	\$0	\$50,000	\$0	2014	\$100,000	\$0	\$50,000	\$0	2015	\$150,000	\$0	\$50,000	\$0	2016	\$300,000	\$0	\$0	\$0	2017	\$300,000	\$500,000	\$0	\$0	2018	\$200,000	\$0	\$0	\$0	2019	\$350,000	\$500,000	\$250,000	\$30,000
YEAR	OPS-012-07	OPS-002-09	OPS-001-10	OPS-003-16																																																									
		Video Detection	LED Replacements	Audible Signals																																																									
2010	\$300,000	\$0	\$50,000	\$0																																																									
2011	\$200,000	\$0	\$50,000	\$0																																																									
2012	\$100,000	\$0	\$50,000	\$0																																																									
2013	\$100,000	\$0	\$50,000	\$0																																																									
2014	\$100,000	\$0	\$50,000	\$0																																																									
2015	\$150,000	\$0	\$50,000	\$0																																																									
2016	\$300,000	\$0	\$0	\$0																																																									
2017	\$300,000	\$500,000	\$0	\$0																																																									
2018	\$200,000	\$0	\$0	\$0																																																									
2019	\$350,000	\$500,000	\$250,000	\$30,000																																																									

Project Forecast				Project Detailed Forecast																																																																																																																																																																						
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total																																																																																																																																																												
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																							
2020	1,294,475	1,294,475	0																																																																																																																																																																							
2021	1,271,208	1,271,208	0																																																																																																																																																																							
2022	1,147,940	1,147,940	0																																																																																																																																																																							
2023	804,673	804,673	0																																																																																																																																																																							
2024	1,721,405	1,721,405	0																																																																																																																																																																							
2025	2,278,137	2,278,137	0																																																																																																																																																																							
2026	2,930,000	2,930,000	0																																																																																																																																																																							
2027	2,330,000	2,330,000	0																																																																																																																																																																							
2028+	1,690,000	1,690,000	0																																																																																																																																																																							
	15,467,838	15,467,838	0																																																																																																																																																																							
Historical Approved Budget																																																																																																																																																																										
				<table border="1"> <thead> <tr> <th colspan="12">Expenses</th> </tr> <tr> <th>GL Account</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028+</th> <th>Total</th> <th></th> </tr> </thead> <tbody> <tr> <td>5410</td> <td colspan="11">Construction Contracts - TCA</td> </tr> <tr> <td></td> <td>1,294,475</td> <td>1,271,208</td> <td>1,147,940</td> <td>804,673</td> <td>1,721,405</td> <td>2,278,137</td> <td>2,930,000</td> <td>2,330,000</td> <td>1,690,000</td> <td>15,467,838</td> <td></td> </tr> <tr> <td>Total</td> <td>1,294,475</td> <td>1,271,208</td> <td>1,147,940</td> <td>804,673</td> <td>1,721,405</td> <td>2,278,137</td> <td>2,930,000</td> <td>2,330,000</td> <td>1,690,000</td> <td>15,467,838</td> <td></td> </tr> <tr> <th colspan="12">Revenues</th> </tr> <tr> <td>169</td> <td colspan="11">Pay As You Go - Capital Reserve</td> </tr> <tr> <td></td> <td>532,238</td> <td>445,604</td> <td>573,970</td> <td>48,000</td> <td>369,000</td> <td>69,000</td> <td>109,000</td> <td>109,000</td> <td>292,000</td> <td>2,547,812</td> <td></td> </tr> <tr> <td>176</td> <td colspan="11">Federal Gas Tax Rebate</td> </tr> <tr> <td></td> <td>230,000</td> <td>380,000</td> <td>0</td> <td>0</td> <td>0</td> <td>1,000,000</td> <td>1,000,000</td> <td>400,000</td> <td>400,000</td> <td>3,410,000</td> <td></td> </tr> <tr> <td>221</td> <td colspan="11">Service Sustainability Investm</td> </tr> <tr> <td></td> <td>532,237</td> <td>445,604</td> <td>573,970</td> <td>756,673</td> <td>1,352,405</td> <td>1,209,137</td> <td>1,821,000</td> <td>1,821,000</td> <td>998,000</td> <td>9,510,026</td> <td></td> </tr> <tr> <td>Total</td> <td>1,294,475</td> <td>1,271,208</td> <td>1,147,940</td> <td>804,673</td> <td>1,721,405</td> <td>2,278,137</td> <td>2,930,000</td> <td>2,330,000</td> <td>1,690,000</td> <td>15,467,838</td> <td></td> </tr> </tbody> </table>											Expenses												GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total		5410	Construction Contracts - TCA												1,294,475	1,271,208	1,147,940	804,673	1,721,405	2,278,137	2,930,000	2,330,000	1,690,000	15,467,838		Total	1,294,475	1,271,208	1,147,940	804,673	1,721,405	2,278,137	2,930,000	2,330,000	1,690,000	15,467,838		Revenues												169	Pay As You Go - Capital Reserve												532,238	445,604	573,970	48,000	369,000	69,000	109,000	109,000	292,000	2,547,812		176	Federal Gas Tax Rebate												230,000	380,000	0	0	0	1,000,000	1,000,000	400,000	400,000	3,410,000		221	Service Sustainability Investm												532,237	445,604	573,970	756,673	1,352,405	1,209,137	1,821,000	1,821,000	998,000	9,510,026		Total	1,294,475	1,271,208	1,147,940	804,673	1,721,405	2,278,137	2,930,000	2,330,000	1,690,000	15,467,838	
Expenses																																																																																																																																																																										
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total																																																																																																																																																																
5410	Construction Contracts - TCA																																																																																																																																																																									
	1,294,475	1,271,208	1,147,940	804,673	1,721,405	2,278,137	2,930,000	2,330,000	1,690,000	15,467,838																																																																																																																																																																
Total	1,294,475	1,271,208	1,147,940	804,673	1,721,405	2,278,137	2,930,000	2,330,000	1,690,000	15,467,838																																																																																																																																																																
Revenues																																																																																																																																																																										
169	Pay As You Go - Capital Reserve																																																																																																																																																																									
	532,238	445,604	573,970	48,000	369,000	69,000	109,000	109,000	292,000	2,547,812																																																																																																																																																																
176	Federal Gas Tax Rebate																																																																																																																																																																									
	230,000	380,000	0	0	0	1,000,000	1,000,000	400,000	400,000	3,410,000																																																																																																																																																																
221	Service Sustainability Investm																																																																																																																																																																									
	532,237	445,604	573,970	756,673	1,352,405	1,209,137	1,821,000	1,821,000	998,000	9,510,026																																																																																																																																																																
Total	1,294,475	1,271,208	1,147,940	804,673	1,721,405	2,278,137	2,930,000	2,330,000	1,690,000	15,467,838																																																																																																																																																																

Related Projects		Operating Budget Impact			
Precedes	Project Title	Effective Date	Description	Exp/(Rev)	FTE Impact
OPS-012-07	Traffic Signals - Capital Upgrades and Replacements	Unknown	Upgraded equipment will yield lower maintenance costs	0	0
OPS-002-09	Video Detection Infrastructure & Equipment Upgrade/Replacement Program	Unknown		0	0
OPS-001-10	Traffic Signal LED Replacement Program	Unknown	Addition of video detection equipment will increase maintenance operating costs. Increased costs will be offset with decreased costs related to the number of service calls and investigation related to complaints due to the automation and upgrades. Net affect on operating is unknown at this time.	0	0
OPS-003-16	Accessibility - Audible Pedestrian Signals Implementation (AODA)				

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2020	January 1, 2020	Growth: 50.0 % Maintenance: 50.0 %	Shawna Boakes / Ian Day	Ongoing

**Project Attachment
For: 2020**

Project # OPS-008-20

Project Name: Traffic Signal Upgrades and Replacements

No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)	No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)
1	BROCK & SANDWICH	1970	1990	49	-29	40	MILL & SANDWICH	1987	2007	32	-12
2	KILDARE & SENECA	1978	1998	41	-21	41	OTTAWA & WALKER	1987	2007	32	-12
3	CALIFORNIA & TECUMSEH	1980	2000	39	-19	42	PARENT & TECUMSEH	1987	2007	32	-12
4	CANTELON & LAUZON PKWY	1980	2000	39	-19	43	BERNARD & TECUMSEH	1988	2008	31	-11
5	CENTRAL & E.C. ROW (N)	1980	2000	39	-19	44	CALIFORNIA & COLLEGE	1988	2008	31	-11
6	CENTRAL & E.C. ROW (S)	1980	2000	39	-19	45	EUGENIE & OUELLETTE	1988	2008	31	-11
7	DOMINION & E.C. ROW (N)	1980	2000	39	-19	46	FORD & TECUMSEH	1988	2008	31	-11
8	DOMINION & E.C. ROW (S)	1980	2000	39	-19	47	GEORGE & TECUMSEH	1988	2008	31	-11
9	ESSEX WAY & LAUZON PKWY	1980	2000	39	-19	48	PILLETTE & WYANDOTTE	1988	2008	31	-11
10	FOREST GLADE & LAUZON PKWY	1980	2000	39	-19	49	PRINCESS & TECUMSEH	1988	2008	31	-11
11	HAWTHORNE & LAUZON PKWY	1980	2000	39	-19	50	RIVARD & TECUMSEH	1988	2008	31	-11
12	RICHMOND & WALKER	1980	2000	39	-19	51	SEMINOLE & WALKER	1988	2008	31	-11
13	CAMPBELL & TECUMSEH	1984	2004	35	-15	52	SENECA & WALKER	1988	2008	31	-11
14	CRAWFORD & WYANDOTTE	1984	2004	35	-15	53	AYLMER & WYANDOTTE	1989	2009	30	-10
15	DIVISION & HOWARD	1984	2004	35	-15	54	FOREST GLADE & LAUZON	1989	2009	30	-10
16	ELLIOTT & GOYEAU	1984	2004	35	-15	55	FOREST GLADE & WILDWOOD	1989	2009	30	-10
17	SUNSET & UNIVERSITY	1984	2004	35	-15	56	GLENGARRY & WYANDOTTE	1989	2009	30	-10
18	BRUCE & UNIVERSITY	1985	2005	34	-14	57	GOYEAU & PITT	1989	2009	30	-10
19	CHATHAM & GOYEAU	1985	2005	34	-14	58	GOYEAU & RIVERSIDE	1989	2009	30	-10
20	DOMINION & GRAND MARAIS	1985	2005	34	-14	59	GRAND MARAIS & HOWARD	1989	2009	30	-10
21	FOREST GLADE & TECUMSEH	1985	2005	34	-14	60	HALL & WYANDOTTE	1989	2009	30	-10
22	GEORGE & WYANDOTTE	1985	2005	34	-14	61	HURON CHURCH & NORTHWOOD	1989	2009	30	-10
23	GOYEAU & UNIVERSITY	1985	2005	34	-14	62	PARENT & WYANDOTTE	1989	2009	30	-10
24	HOWARD & ROUNDHOUSE	1985	2005	34	-14	63	TECUMSEH & WESTMINSTER	1989	2009	30	-10
25	CENTRAL & TECUMSEH	1986	2006	33	-13	64	BRUCE & WYANDOTTE	1990	2010	29	-9
26	DOUGALL & TECUMSEH	1986	2006	33	-13	65	COUNTY RD 42 & COUNTY RD 17	1990	2010	29	-9
27	HALL & TECUMSEH	1986	2006	33	-13	66	COUNTY RD 42 & LAUZON PKWY	1990	2010	29	-9
28	JEFFERSON & ROSE	1986	2006	33	-13	67	E.C. ROW & BANWELL	1990	2010	29	-9
29	KILDARE & OTTAWA	1986	2006	33	-13	68	EUGENIE & MCDOUGALL	1990	2010	29	-9
30	KILDARE & TECUMSEH	1986	2006	33	-13	69	JANETTE & WYANDOTTE	1990	2010	29	-9
31	LINCOLN & TECUMSEH	1986	2006	33	-13	70	PATRICIA & WYANDOTTE	1990	2010	29	-9
32	OTTAWA & PARENT	1986	2006	33	-13	71	PELLISSIER & WYANDOTTE	1990	2010	29	-9
33	CRAWFORD & UNIVERSITY	1987	2007	32	-12	72	SUNSET & WYANDOTTE W	1990	2010	29	-9
34	DOUGALL & EUGENIE	1987	2007	32	-12	73	UNIVERSITY & VICTORIA	1990	2010	29	-9
35	DOUGALL & SUPERCENTER	1987	2007	32	-12	74	DOUGALL & NOTTINGHAM	1991	2011	28	-8
36	ERIE & OUELLETTE	1987	2007	32	-12	75	HURON CHURCH & UNIVERSITY	1991	2011	28	-8
37	GOYEAU & TUSCARORA	1987	2007	32	-12	76	WINDSOR & WYANDOTTE	1991	2011	28	-8
38	McDOUGALL & SHEPHERD	1987	2007	32	-12	77	CENTRAL & SEMINOLE	1992	2012	27	-7
39	MELDRUM & TECUMSEH	1987	2007	32	-12	78	CHURCH & UNIVERSITY	1992	2012	27	-7

**Project Attachment
For: 2020**

Project # OPS-008-20

Project Name: Traffic Signal Upgrades and Replacements

No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)	No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)
79	DOUGALL & NORFOLK	1992	2012	27	-7	118	MCDUGALL & HOWARD	1996	2016	23	-3
80	DOUGALL & WEST GRAND	1992	2012	27	-7	119	MCKAY & UNIVERSITY	1996	2016	23	-3
81	DROUILLARD & SEMINOLE	1992	2012	27	-7	120	MONTREIUL & RIVERSIDE	1996	2016	23	-3
82	GEORGE & SEMINOLE	1992	2012	27	-7	121	PARK & VICTORIA	1996	2016	23	-3
83	HURON CHURCH & WYANDOTTE	1992	2012	27	-7	122	ST. LOUIS & WYANDOTTE	1996	2016	23	-3
84	PILLETTE & SEMINOLE	1992	2012	27	-7	123	CHATHAM & GLENGARRY	1997	2017	22	-2
85	VICTORIA & WYANDOTTE	1992	2012	27	-7	124	CURRY & WYANDOTTE	1997	2017	22	-2
86	DROUILLARD & RIVERSIDE	1993	2013	26	-6	125	DOMINION & LABELLE	1997	2017	22	-2
87	ELLIOTT & MCDUGALL	1993	2013	26	-6	126	EUGENIE & HOWARD	1997	2017	22	-2
88	ELLIS & OUELLETTE	1993	2013	26	-6	127	FLORENCE & RIVERSIDE	1997	2017	22	-2
89	GIRARDOT & HURON CHURCH	1993	2013	26	-6	128	GLENGARRY & UNIVERSITY	1997	2017	22	-2
90	HURON CHURCH & TECUMSEH	1993	2013	26	-6	129	HOWARD & COUNTRY CLUB/LAKE TRAIL	1997	2017	22	-2
91	NORTHWAY & TECUMSEH	1993	2013	26	-6	130	HOWARD & TECUMSEH	1997	2017	22	-2
92	WELLINGTON & WYANDOTTE	1993	2013	26	-6	131	PILLETTE & RIVERSIDE	1997	2017	22	-2
93	AYLMER & RIVERSIDE	1994	2014	25	-5	132	RIVERSIDE & WALKER	1997	2017	22	-2
94	BRUCE & RIVERSIDE	1994	2014	25	-5	133	THOMPSON & WYANDOTTE	1997	2017	22	-2
95	CHRYSLER CENTRE & GATE 6	1994	2014	25	-5	134	AYLMER & CHATHAM	1998	2018	21	-1
96	CHURCH & RIVERSIDE	1994	2014	25	-5	135	AYLMER & UNIVERSITY	1998	2018	21	-1
97	COLLEGE & HURON CHURCH	1994	2014	25	-5	136	CABANA & DOMINION	1998	2018	21	-1
98	ERIE & GOYEAU	1994	2014	25	-5	137	CABANA & DOUGALL	1998	2018	21	-1
99	GILES & GOYEAU	1994	2014	25	-5	138	CABANA & GLENWOOD	1998	2018	21	-1
100	GILES & MCDUGALL	1994	2014	25	-5	139	CENTRAL & DEZIEL	1998	2018	21	-1
101	GILES & PARENT	1994	2014	25	-5	140	CENTRAL & YPRES	1998	2018	21	-1
102	GLENGARRY & RIVERSIDE	1994	2014	25	-5	141	CRAWFORD & COLLEGE	1998	2018	21	-1
103	OUELLETTE & SHEPHERD	1994	2014	25	-5	142	DOMINION & NORTHWOOD	1998	2018	21	-1
104	WATSON & WYANDOTTE	1994	2014	25	-5	143	E.C. ROW (N) & HOWARD	1998	2018	21	-1
105	CAMPBELL & GROVE	1995	2015	24	-4	144	E.C. ROW (S) & HOWARD	1998	2018	21	-1
106	CHRYSLER CENTRE & GATE 5	1995	2015	24	-4	145	FLORA & RIVERSIDE	1998	2018	21	-1
107	EDINBOROUGH & HOWARD	1995	2015	24	-4	146	HOWARD & LOGAN	1998	2018	21	-1
108	ERIE & MCDUGALL	1995	2015	24	-4	147	JEFFERSON & QUEEN ELIZABETH	1998	2018	21	-1
109	ERIE & VICTORIA	1995	2015	24	-4	148	LAUZON PKWY & TWIN OAKS	1998	2018	21	-1
110	GOYEAU & WYANDOTTE	1995	2015	24	-4	149	MCDUGALL & CITY HALL SQUARE S.	1998	2018	21	-1
111	STRABANE & WYANDOTTE	1995	2015	24	-4	150	MCDUGALL & RIVERSIDE	1998	2018	21	-1
112	CENTRAL & TEMPLE	1996	2016	23	-3	151	MCDUGALL & UNIVERSITY	1998	2018	21	-1
113	CHRYSLER CENTRE & GATE 2	1996	2016	23	-3	152	MCDUGALL & WYANDOTTE	1998	2018	21	-1
114	DIVISION & SYDNEY	1996	2016	23	-3	153	PARENT & ELLIS	1998	2018	21	-1
115	GOYEAU & PARK	1996	2016	23	-3	154	PROVINCIAL & SIXTH CONC.	1998	2018	21	-1
116	HIRAM WALKERS & RIVERSIDE	1996	2016	23	-3	155	RIVERSIDE & STRABANE	1998	2018	21	-1
117	JEFFERSON & RAYMOND	1996	2016	23	-3	156	ST.ROSE & WYANDOTTE	1998	2018	21	-1

**Project Attachment
For: 2020**

Project # OPS-008-20

Project Name: Traffic Signal Upgrades and Replacements

No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)	No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)
157	TECUMSEH & LOEB IGA	1998	2018	21	-1	196	RAYMO & WYANDOTTE	2002	2022	17	3
158	VICTORIA & YMCA	1998	2018	21	-1	197	SEMINOLE & SNAKE LANE	2002	2022	17	3
159	ANNIE & TECUMSEH	1999	2019	20	0	198	WALKER & CALDERWOOD	2002	2022	17	3
160	CRAWFORD & TECUMSEH	1999	2019	20	0	199	BANWELL & TECUMSEH	2003	2023	16	4
161	CURRY/SOUTH CAMERON & TECUMSEH	1999	2019	20	0	200	TECUMSEH & WALKER	2003	2023	16	4
162	DIVISION & MARENTELETTE	1999	2019	20	0	201	WALKER & CANADA POST	2003	2023	16	4
163	EASTOWN CTR & TECUMSEH	1999	2019	20	0	202	CHRYSLER CTR. & GATE 3	2004	2024	15	5
164	HURON CHURCH & RIVERSIDE	1999	2019	20	0	203	DOUGALL PKWY & SIXTH CONC	2004	2024	15	5
165	LAUZON & TECUMSEH	1999	2019	20	0	204	FOSTER & WALKER	2004	2024	15	5
166	LAUZON & THE MALL	1999	2019	20	0	205	MONMOUTH & OTTAWA	2004	2024	15	5
167	LAUZON PKWY & TECUMSEH	1999	2019	20	0	206	WALKER & COCO PLAZA	2004	2024	15	5
168	LINCOLN & RIVERSIDE	1999	2019	20	0	207	BANWELL & WILDWOOD	2005	2025	14	6
169	OJIBWAY & WEAVER	1999	2019	20	0	208	CABANA & HOWARD	2005	2025	14	6
170	WALKER & ST.JULIEN	1999	2019	20	0	209	CENTRAL & GRAND MARAIS	2005	2025	14	6
171	WALKER & VIMY	1999	2019	20	0	210	CHRYSLER CENTRE & GRAND MARAIS	2005	2025	14	6
172	CAMPBELL & COLLEGE	2000	2020	19	1	211	CHRYSLER CTR. & GATE 1	2005	2025	14	6
173	COLLEGE & WELLINGTON	2000	2020	19	1	212	GRAND MARAIS & GATE #8	2005	2025	14	6
174	DOUGALL & ROSELAND	2000	2020	19	1	213	HOWARD & SHEPHERD	2005	2025	14	6
175	DROUILLARD & MILLOY	2000	2020	19	1	214	JEFFERSON & TECUMSEH	2005	2025	14	6
176	FORD GATE & SEMINOLE	2000	2020	19	1	215	TECUMSEH & CLOVER	2005	2025	14	6
177	OUELLETTE & PITT	2000	2020	19	1	216	BANWELL & MCHUGH/MCNORTON	2006	2026	13	7
178	PARENT & RIVERSIDE	2000	2020	19	1	217	GILES & HOWARD	2006	2026	13	7
179	WALKER & YPRES	2000	2020	19	1	218	HOWARD & OTTAWA	2006	2026	13	7
180	CAMPBELL & UNIVERSITY	2001	2021	18	2	219	LAUZON & LITTLE RIVER	2006	2026	13	7
181	JEFFERSON & QUALITY WAY	2001	2021	18	2	220	LAUZON & MCHUGH	2006	2026	13	7
182	LAUZON & TRANBY	2001	2021	18	2	221	MILL & WYANDOTTE	2006	2026	13	7
183	LAUZON PKWY & CATHERINE	2001	2021	18	2	222	OJIBWAY & SPRUCEWOOD	2006	2026	13	7
184	LAUZON PKWY & LAUZON LINE	2001	2021	18	2	223	CHATHAM & OUELLETTE	2007	2027	12	8
185	LAUZON PKWY & TRANBY	2001	2021	18	2	224	DROUILLARD & WYANDOTTE	2007	2027	12	8
186	MATCHETTE & PRINCE	2001	2021	18	2	225	TECUMSEH & AUTO MALL	2007	2027	12	8
187	PILLETTE & PLYMOUTH	2001	2021	18	2	226	CHATHAM & MCDUGALL	2008	2028	11	9
188	PILLETTE & TECUMSEH	2001	2021	18	2	227	DIVISION AND HOME DEPOT	2008	2028	11	9
189	SCULPTURE GARDEN & RIVERSIDE	2001	2021	18	2	228	ERIE & HOWARD	2008	2028	11	9
190	CURRY & GRAND MARAIS	2002	2022	17	3	229	GRAND MARAIS & WALKER	2008	2028	11	9
191	DIVISION & WALKER	2002	2022	17	3	230	LAUZON & LAUZON LINE	2008	2028	11	9
192	DROUILLARD & TECUMSEH	2002	2022	17	3	231	LAUZON & WYANDOTTE	2008	2028	11	9
193	FERRY & RIVERSIDE	2002	2022	17	3	232	MCDUGALL & PITT	2008	2028	11	9
194	MCDUGALL & TECUMSEH	2002	2022	17	3	233	MCHUGH & WFCU EAST ENTRANCE	2008	2028	11	9
195	OUELLETTE & RIVERSIDE	2002	2022	17	3	234	MCHUGH & WFCU WEST ENTRANCE	2008	2028	11	9

**Project Attachment
For: 2020**

Project # OPS-008-20

Project Name: Traffic Signal Upgrades and Replacements

No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)	No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)
235	OUELLETTE & UNIVERSITY	2008	2028	11	9	274	WALKER & AIRPORT	2013	2033	6	14
236	WYANDOTTE & RIVERDALE	2008	2028	11	9	275	CALIFORNIA & UNIVERSITY	2014	2034	5	15
237	CLOVER & MCHUGH	2009	2029	10	10	276	DEVONSHIRE & WYANDOTTE	2014	2034	5	15
238	DARFIELD & MCHUGH	2009	2029	10	10	277	GLADSTONE & WYANDOTTE	2014	2034	5	15
239	HOWARD & NORTH TALBOT	2009	2029	10	10	278	LINCOLN & WYANDOTTE	2014	2034	5	15
240	MAIDEN LANE & OUELLETTE	2009	2029	10	10	279	GOYEAU & HOTEL DIEU CROSSING	2015	2035	4	16
241	PROVINCIAL & LOWE'S	2009	2029	10	10	280	GILES & OUELLETTE	2017	2037	2	18
242	WALKER & DIGBY	2009	2029	10	10	281	JEFFERSON & WYANDOTTE	2017	2037	2	18
243	WALKER & PARKDALE	2009	2029	10	10	282	OUELLETTE & WYANDOTTE	2017	2037	2	18
244	CRAWFORD & RIVERSIDE	2010	2030	9	11	283	CABANA & HOLBURN	2017	2037	2	18
245	DOUGALL & E.C. ROW (N)	2010	2030	9	11	284	DIVISION & UNION SQUARE PLAZA	2018	2038	1	19
246	DOUGALL & E.C. ROW (S)	2010	2030	9	11	285	LAUZON & RIVERSIDE	2018	2038	1	19
247	DUCHARME & WALKER	2010	2030	9	11	286	ELLIOTT & OUELLETTE	2018	2038	1	19
248	EASTPARK & TECUMSEH	2010	2030	9	11	287	HURON CHURCH & TOTTEN	2019	2039	0	20
249	HOWARD & MEMORIAL	2010	2030	9	11	288	HURON CHURCH & MALDEN	2019	2039	0	20
250	MONMOUTH & WYANDOTTE	2010	2030	9	11	289	DORCHESTER & HURON CHURCH	2019	2039	0	20
251	OUELLETTE & PARK	2010	2030	9	11						
252	OUELLETTE & TECUMSEH	2010	2030	9	11						
253	PARK & PELISSIER	2010	2030	9	11						
254	PELISSIER & UNIVERSITY	2010	2030	9	11						
255	PROVINCIAL & WALKER	2010	2030	9	11						
256	ROSEVILLE & TECUMSEH	2010	2030	9	11						
257	TECUMSEH & HOME DEPOT	2010	2030	9	11						
258	WALKER & HOME DEPOT	2010	2030	9	11						
259	WALKER & SEVENTH CONCESSION	2010	2030	9	11						
260	WALKER & WYANDOTTE	2010	2030	9	11						
261	CABANA & PROVINCIAL	2012	2032	7	13						
262	DOMINION & TOTTEN	2012	2032	7	13						
263	E.C. ROW (N) & WALKER	2012	2032	7	13						
264	E.C. ROW (S) & WALKER	2012	2032	7	13						
265	RANDOLPH & WYANDOTTE	2012	2032	7	13						
266	RIVERSIDE & RIVERDALE	2012	2032	7	13						
267	RIVERSIDE & SOLIDARTITY TOWERS	2012	2032	7	13						
268	CALIFORNIA & WYANDOTTE	2013	2033	6	14						
269	CAMPBELL & WYANDOTTE	2013	2033	6	14						
270	GLADSTONE & OTTAWA	2013	2033	6	14						
271	HALL & OTTAWA	2013	2033	6	14						
272	LINCOLN & OTTAWA	2013	2033	6	14						
273	SYDNEY & WALKER	2013	2033	6	14						



Project Version Summary

Project #	OPS-010-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Traffic Operations & Parking
Title	Advanced Traffic Management System (ATMS) - System Maintenance		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

<p>Project Description</p> <p>Council approved upgrading of the ATMS system via CR636/2002 implementing a staged approach to traffic signal system upgrades. Stage 2 was approved by CR359/2005 to commence the workstation interface. CR71/2010 approved the pilot project for implementation of the 2070 controller and D4 firmware, communications system upgrade to ethernet from serial communications, system components to facilitate/integrate the 2070 and ethernet communication systems. Successful implementation of the pilot project made the 2070 the standard controller. This project will be ongoing.</p>	<p>Version Description</p> <p>The requested funds will be used for continued maintenance and addition of enhancements to the KITS/ATMS and continued maintenance of traffic controller equipment to the 2070 controller. This also includes rehabilitating the communication system to Ethernet from serial via fibre, broadband and cellular, replacement and upgrade of the central system hardware, implantation of central system modules, continued maintenance of the KITS/ATMS enhanced operational functionalities, travel time monitoring, adaptive traffic, continued CCTV camera expansion, and installation of ITS components associated with the system. Integration of new technologies and data acquisition is being reviewed for future installation.</p>
<p>Project Comments/Reference</p> <p>7003326</p>	<p>Version Comments</p> <p>As per B30/2019, council report C 53/2019 increase in F169 PAYG Funding per allocation in Table 3 of the report. This report also approves the commitment of \$382,000 in 2020 and \$68,000 in 2021. Of note, B8/2019 has resulted in some or all of the original PAYG funding to be identified as Service Sustainability F221 funding.</p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	952,000	952,000	0	5410	Construction Contracts - TCA										
2021	488,000	488,000	0		952,000	488,000	420,000	234,000	400,000	400,000	400,000	400,000	400,000	4,094,000	
2022	420,000	420,000	0		Total										4,094,000
2023	234,000	234,000	0	Revenues											
2024	400,000	400,000	0	176	Federal Gas Tax Rebate										
2025	400,000	400,000	0		570,000	420,000	234,000	234,000	400,000	400,000	400,000	400,000	400,000	3,458,000	
2026	400,000	400,000	0	221	Service Sustainability Investm										
2027	400,000	400,000	0		382,000	68,000	186,000	0	0	0	0	0	0	636,000	
2028+	400,000	400,000	0		Total										4,094,000
	4,094,000	4,094,000	0		952,000	488,000	420,000	234,000	400,000	400,000	400,000	400,000	400,000	4,094,000	
Historical Approved Budget															
Year	Total Expense	Net City Cost	Subsidies												
2007	200,000	200,000	0												
2008	200,000	200,000	0												
2009	200,000	200,000	0												
2010	200,000	200,000	0												
2011	200,000	200,000	0												
2012	200,000	200,000	0												
2013	100,000	100,000	0												
2015	250,000	250,000	0												
2016	200,000	200,000	0												
2017	200,000	200,000	0												
2018	600,000	600,000	0												
2019	520,000	520,000	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	Minimal decreases and/or increases in operating costs depending on work undertaken								0	0	
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Shawna Boakes / Ian Day				Ongoing							



Project Version Summary

Project #	OPS-018-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Traffic Operations & Parking
Title	Parking Garage Capital Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description

Ongoing municipal parking garages rehabilitation as required. Installation of protective membrane acts as a barrier to protect the concrete from water and salt penetration. Without this membrane, structural repairs will arise due to corrosion. These membranes have a life expectancy of 5-10 years, therefore ongoing project funding is required. Currently, inspections are done annually to determine rehabilitation priorities. There are 6 floors at the Pitt/Goyeau parking garage which have the membrane in place plus the exit spiral. Historically, a \$200,000 allocation would complete 1 floor in the Pitt/Goyeau parking garage or half of the exit spiral. With CPI increases, this amount has now increased to \$250,000.

This project is funded from the On-Off Street Parking Reserve Fund. The balance in the On-Off Street Parking Reserve Fund as of December 31, 2018 is \$918,837. The current 10-year reserve forecast, including the capital funding for this project, projects this reserve will remain sustainable.

Project Comments/Reference

(Closed: 7035075/7121002/7131114)

Version Description

Condition assessment reports are complete for 2017/2018 as the assessments are completed every two years. The report details the capital works priorities for each garage. In the five year timeframe, conversion of lighting in the parking garages to LED should be undertaken and planning for maintenance of the elevators in Parking Garage 1 should be considered as the cost will likely exceed \$500,000. Elevator maintenance is tentatively scheduled in 2021.

Version Comments

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	510,000	510,000	0	5410	Construction Contracts - TCA									
2021	1,040,000	1,040,000	0		510,000	1,040,000	530,000	540,000	550,000	560,000	570,000	580,000	1,190,000	6,070,000
2022	530,000	530,000	0		Total									
2023	540,000	540,000	0		510,000	1,040,000	530,000	540,000	550,000	560,000	570,000	580,000	1,190,000	6,070,000
2024	550,000	550,000	0	Revenues										
2025	560,000	560,000	0	138	Off Street Parking									
2026	570,000	570,000	0		510,000	1,040,000	530,000	540,000	550,000	560,000	570,000	580,000	1,190,000	6,070,000
2027	580,000	580,000	0		Total									
2028+	1,190,000	1,190,000	0		510,000	1,040,000	530,000	540,000	550,000	560,000	570,000	580,000	1,190,000	6,070,000
	6,070,000	6,070,000	0											
Historical Approved Budget														
		Revenue												
Year	Total Expense	Net City Cost	Subsidies											
2012	200,000	200,000	0											
2013	200,000	200,000	0											
2014	200,000	200,000	0											
2015	200,000	200,000	0											
2016	300,000	300,000	0											
2017	300,000	300,000	0											
2018	300,000	300,000	0											
2019	500,000	500,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	Improvements will likely result in decreased operating costs related to maintenance								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Shawna Boakes / Ian Day				Ongoing						



Project Version Summary

Project #	OPS-019-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Traffic Operations & Parking
Title	New Parking Lot Development		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Version Description
<p>This allocation provides for property acquisition and development for the expansion of the municipal parking program throughout the city where required.</p> <p>-Per CR499/91, purchase of properties for construction of off-street parking facilities within the Erie St. BIA.</p> <p>-Per CR1203/99, purchase of properties for construction of off-street parking facilities along Wyandotte St. from McDougall to Devonshire.</p> <p>This project is funded from the On-Off Street Parking Reserve Fund. The balance in the On-Off Street Parking Reserve Fund as of December 31, 2017 is \$175,437. The current 10-year reserve forecast, including the capital funding for this project, projects this reserve will remain sustainable.</p>	Annual funding will accumulate until funds are available to purchase property to construct a lot.

Project Comments/Reference	Version Comments
7059127 closed	

Project Forecast				Project Detailed Forecast											
Year	Total Expense	Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
		Net City Cost	Subsidies												
2020	0	0	0	Expenses											
2021	100,000	100,000	0	5210 Land Acquisition	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000	
2022	100,000	100,000	0												
2023	100,000	100,000	0	Total	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000	
2024	100,000	100,000	0	Revenues											
2025	100,000	100,000	0	138 Off Street Parking	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000	
2026	100,000	100,000	0												
2027	100,000	100,000	0	Total	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000	
2028+	100,000	100,000	0												
	800,000	800,000	0												

Historical Approved Budget									
Related Projects	Operating Budget Impact								
	<table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating Budget Impact</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	No Operating Budget Impact	0	0
Effective Date	Description	Exp/(Rev)	FTE Impact						
Unknown	No Operating Budget Impact	0	0						

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2007	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Shawna Boakes / Ian Day	Ongoing



Project Version Summary

Project #	OPS-020-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Public Works
Asset Type	Unassigned	Division	Traffic Operations & Parking
Title	Parking Lot Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
This allocation provides for the rehabilitation of municipal parking lots in the City. An annual expenditure of \$250,000 is recommended.				In 2019, Traffic Operations will be completing a full condition assessment inspection of all lots to create a list of repairs/rehabilitations that are required at each of the lots. Based on this assessment, an asset management plan will be put into place for future planning of rehabilitations.											
This project is funded from the On-Off Street Parking Reserve Fund. The balance in the On-Off Street Parking Reserve Fund as of December 31, 2018 is \$918,837. The current 10-year reserve forecast, including the capital funding for this project, projects this reserve will remain sustainable.				Based on current issues, lot 16 may require a full rehabilitation in 2020.											
Project Comments/Reference				Version Comments											
7191022 CLOSED: 7059014/ 7111032															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	102,000	102,000	0	5410 Construction Contracts - TCA											
2021	104,000	104,000	0			102,000	104,000	106,000	108,000	110,000	112,000	114,000	116,000	238,000	1,110,000
2022	106,000	106,000	0												
2023	108,000	108,000	0												
2024	110,000	110,000	0												
2025	112,000	112,000	0												
2026	114,000	114,000	0												
2027	116,000	116,000	0												
2028+	238,000	238,000	0												
	1,110,000	1,110,000	0												
Historical Approved Budget				Revenues											
		Revenue		114 Dev Chg - Parking											
Year	Total Expense	Net City Cost	Subsidies												
2011	40,000	40,000	0												
2019	50,000	50,000	0												
Related Projects				Operating Budget Impact											
				Effective Date Description											
				Unknown Rehabilitation will likely result in decreased operating costs related to maintenance											
				Exp/(Rev) FTE Impact											
				0 0											
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2007	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %		Shawna Boakes / Ian Day					Ongoing						



Project Version Summary

Project #	TRN-001-20	Service Area	Office of the City Engineer
Budget Year	2020	Department	Transit Windsor
Asset Type		Division	Administration - Transit Windsor
Title	ICIP-Customer Stop Amenities		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
<p>This project is intended to continue the installation of additional shelters, provide additional work at various stops for accessibility, provide enhancements at main cross points along Transit Windsor's major routes and the enhancement of Transit Windsor's terminal facilities. This project will also include any necessary feasibility studies required on the review of terminal facilities. The specific amenities to be recommended will be part of the Service Delivery review. The total project cost is estimated to be \$2,500,000. With the ICIP funding for this project, it is estimated that the City will be required to contribute \$666,750 in matching funds.</p> <p>This project is pending ICIP project submission approval</p>															
Project Comments/Reference				Version Comments											
				Pre-commitment TRN-001-07 2021 \$666,750 per CR248/2019, Report # C 79/2019 (Clerk's File: MT/13478 11.2)											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	1,833,250	0	1,833,250	5410	Construction Contracts - TCA										
2021	666,750	666,750	0		1,833,250	666,750	0	0	0	0	0	0	0	0	2,500,000
2022	0	0	0	<hr/>											
2023	0	0	0	Total	1,833,250	666,750	0	0	0	0	0	0	0	0	2,500,000
2024	0	0	0	Revenues											
2025	0	0	0	169	Pay As You Go - Capital Reserve										
2026	0	0	0		0	666,750	0	0	0	0	0	0	0	0	666,750
2027	0	0	0	6310	Ontario Specific Grants										
2028+	0	0	0		833,250	0	0	0	0	0	0	0	0	0	833,250
	2,500,000	666,750	1,833,250	6320	Canada Specific Grants										
					1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
				Total	1,833,250	666,750	0	0	0	0	0	0	0	0	2,500,000
Historical Approved Budget				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2020		Growth: 100.0 % Maintenance: 0.0 %		Steve Habrun											



Project Version Summary

Project #	TRN-002-20	Service Area	Office of the City Engineer
Budget Year	2020	Department	Transit Windsor
Asset Type	Unassigned	Division	Administration - Transit Windsor
Title	ICIP-TW Master Plan Implementation- Phase 1		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards			
Version Name	Main (Active)		

Project Description

Under PTIF Phase I, Transit Windsor undertook an enterprise wide review of its services, focusing on conventional service, and development of new transit services. The objectives of this review were to improve transit efficiencies through innovation, identification and implementation of industry best practices, increase overall ridership, explore the need for regional transit models and explore rebranding of Transit Windsor's fixed assets. The plan is expected to be presented in a Transit Master Plan in the Fall of 2019.

The comprehensive service review will recommend substantial updates to the transit service. As part of the service review, public engagement took place to review the Transit Windsor brand, in addition to the service itself. There were many correlating highlights that identify the need for re-evaluating the service and the brand at the same time. The goal for Transit Windsor will be to seamlessly implement the service improvements and changes needed to Transit's fixed assets. Transit Windsor is requesting funding under the Investing in Canada Infrastructure Program (ICIP) to undertake the transition of its service and assets. This request represents Phase I of the transition plan. Actual project approvals will be presented to City Council in the Fall of 2019 through the Transit Windsor Service Delivery report.

This project also includes the purchase of a total end-to-end scheduling software solution for Transit Windsor's fixed routes. It is anticipated that this software will allow Transit Windsor to create optimized routes, automatically generate trips and schedules as well as manage employees and vehicles. Data collected will allow Transit Windsor to offer a higher level of service, reduce inefficiencies, realize savings in Transit Windsor's operating budget, and increase ridership. This project funding puts a placeholder approval on funding from the Province and the Federal Governments thereby allowing the project to proceed with early implementation of components of the plan once it is presented to City Council for review and approval. The total project cost is estimated to be \$3,876,437. With the ICIP funding for this project, it is estimated that the City will be required to provide funding of \$1,075,316 in matching funds and to address ineligible costs.

This project is pending ICIP project submission approval

Project Comments/Reference

Version Description

Version Comments

TW Master Plan Implementation-Phase 1- from TRN-001-07 Year 2021 \$272,496 and Year 2022 \$802,820 per CR248/2019, Report #C 79/2019 (Clerks File: MT/13478 11.2)

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	2,801,121	0	2,801,121	5410	Construction Contracts - TCA										
2021	272,496	272,496	0		2,801,121	272,496	802,820	0	0	0	0	0	0	3,876,437	
2022	802,820	802,820	0	Total	2,801,121	272,496	802,820	0	0	0	0	0	0	3,876,437	
2023	0	0	0	Revenues											
2024	0	0	0	169	Pay As You Go - Capital Reserve										
2025	0	0	0		0	272,496	802,820	0	0	0	0	0	0	1,075,316	
2026	0	0	0	6310	Ontario Specific Grants										
2027	0	0	0		1,273,167	0	0	0	0	0	0	0	0	1,273,167	
2028+	0	0	0	6320	Canada Specific Grants										
	3,876,437	1,075,316	2,801,121	Total	2,801,121	272,496	802,820	0	0	0	0	0	0	3,876,437	
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2020		Growth: 100.0 % Maintenance: 0.0 %		Pat Delmore				2022							



Project Version Summary

Project #	TRN-003-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Transit Windsor
Asset Type	Unassigned	Division	Administration - Transit Windsor
Title	Transit Windsor Customer Service Improvements - Shelters/Signage/Amenities		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 Customer service requirements include the ongoing purchase and installation of bus shelters, schedules at bus stops, bus stop signage and other amenities to meet customer needs. This also includes concrete pads which are installed prior at bus shelters and at bus stops without bus shelters so that the area is more accessible to the customer. The ongoing shelter program will continue as will the replacement of bus stop signs.

Version Description
 Funding for customer service amenities such as shelters for 2018-2021 have been funded under the Public Transit Infrastructure Fund (PTIF) Phase 1. See project TRN-009-17.

Project Comments/Reference
 7045018

Version Comments

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	0	0	0
2021	0	0	0
2022	20,000	20,000	0
2023	20,000	20,000	0
2024	20,000	20,000	0
2025	20,000	20,000	0
2026	20,000	20,000	0
2027	20,000	20,000	0
2028+	20,000	20,000	0
	140,000	140,000	0

Project Detailed Forecast		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses											
5110	Machinery & Equipment - TCA	0	0	20,000	20,000	20,000	20,000	20,000	20,000	20,000	140,000
	Total	0	0	20,000	20,000	20,000	20,000	20,000	20,000	20,000	140,000
Revenues											
127	Dev Chg - Transit	0	0	20,000	20,000	20,000	20,000	20,000	20,000	20,000	140,000
	Total	0	0	20,000	20,000	20,000	20,000	20,000	20,000	20,000	140,000

Historical Approved Budget		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2007	50,000	50,000	0
2008	50,000	50,000	0
2009	50,000	50,000	0
2010	30,000	30,000	0
2011	30,000	30,000	0
2012	30,000	30,000	0
2013	30,000	30,000	0
2014	20,000	20,000	0
2015	20,000	20,000	0
2016	20,000	20,000	0

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date	
2007	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Steve Habrun	Ongoing	
			Effective Date Unknown	Description The Transit Windsor Operating budget includes 1 FTE to clean and maintain the bus shelters, This includes inspection, minor repairs, window cleaning and garbage collection in order to provide a clean and safe environment while waiting for buses	Exp/(Rev) 0
					FTE Impact 0



Project Version Summary

Project #	TRN-003-20	Service Area	Office of the City Engineer
Budget Year	2020	Department	Transit Windsor
Asset Type		Division	Administration - Transit Windsor
Title	ICIP-Fleet Purchases		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The Transit Windsor Life Cycle Costing report presented to City Council in 2015 identified the need to reduce the overall average age of the fleet to 12 years. This in turn would reduce operational and maintenance cost as well as improve their ability to meet street demands. The Public Transit Infrastructure Funding provided for 24 new buses covering the first 3 years of the replacement plan. Transit Windsor was currently planning to order an additional 8 buses in both 2019 and 2020 to continue the program. By leveraging the ICIP-Public Transit grant we can maximize the funding currently identified for fleet replacement. This will reduce the municipal portion required to sustain the replacement strategy. As a result, it also allows Transit the opportunity to purchase 3 additional buses to address the increased ridership demands recently experienced over the last couple of years, as well as fund the matching portion for the other Transit Windsor projects without impact to other capital projects. The total project cost is estimated to be \$14,167,590, including \$206,691 in ineligible costs. With the ICIP funding for this project, it is estimated that the City will be required to provide \$3,930,063 for matching funds and ineligible costs.

This project is pending ICIP project submission approval

Version Description

Purchase of buses:
 8 replacement buses for 2020 - to be ordered once ICIP project grant funding approved, ideally in 2019 per pre-commitment of funds
 3 new expansion buses for 2019- to be ordered once ICIP project grant funding approved, ideally in 2019 per pre-commitment of funds
 8 replacement buses for 2021- to be ordered once ICIP project grant funding approved in 2020 per pre-commitment of funds

Project Comments/Reference

7202004

Version Comments

Funding moved from TRN 001-07 - Pre commitment to Fleet Purchase TRN 003-20 from TRN-001-07 Year 2020 \$2,013,386 and Year 2021 \$1,916,677 per CR248/2019, Report # C 79/2019 (Clerk's File: MT/13478 11.2)

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	7,843,069	2,013,386	5,829,683
2021	6,324,521	1,916,677	4,407,844
2022	0	0	0
2023	0	0	0
2024	0	0	0
2025	0	0	0
2026	0	0	0
2027	0	0	0
2028+	0	0	0
	14,167,590	3,930,063	10,237,527

Project Detailed Forecast		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses											
5110	Machinery & Equipment - TCA										
		7,843,069	6,324,521	0	0	0	0	0	0	0	14,167,590
	Total	7,843,069	6,324,521	0	0	0	0	0	0	0	14,167,590
Revenues											
169	Pay As You Go - Capital Reserve										
		2,013,386	1,916,677	0	0	0	0	0	0	0	3,930,063
6310	Ontario Specific Grants										
		2,649,711	2,003,456	0	0	0	0	0	0	0	4,653,167
6320	Canada Specific Grants										
		3,179,972	2,404,388	0	0	0	0	0	0	0	5,584,360
	Total	7,843,069	6,324,521	0	0	0	0	0	0	0	14,167,590

Historical Approved Budget

Related Projects

Operating Budget Impact

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2020		Growth: 100.0 % Maintenance: 0.0 %	Pat Delmore	2021



Project Version Summary

Project #	TRN-004-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Transit Windsor
Asset Type	Unassigned	Division	Administration - Transit Windsor
Title	Transit Windsor Master Plan Implementation		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The 2007 Transit Master Plan focused on an overall improvement to customers' needs including route improvements and amenities. Implementation of new bus stop signage across the city has taken place to provide customers with route and contact information at each bus stop. This has been completed in conjunction with Transit's new Intelligent Information System (ITS) project. As Transit Windsor grows its service, along with the growth of the City of Windsor, customer service amenities will continue to increase in scope, size and importance to include transit terminal amenities, other bus stop amenities and additional customer service needs.

Project TRN 005-17, Transit Service Delivery Review and Project Management, is related to the updating and creation of a new Transit Windsor Master Plan Implementation. With the completion of the Service Delivery Review, the findings will have a significant impact on the future projects Transit Windsor will move forward with, including an annual implementation plan to address both Operational and Capital budgets. These dollars will assist with some of the early win implementation costs for the new Master Plan.

There is the potential that TRN 005-17 (Transit Service Delivery Review and Project Management), TRN-001-19 (Public Transit Infrastructure Fund Phase II and Project Management) and this project TRN-004-07 could be combined in the future as they are inter related.

NOTE: This project write-up may be impacted and updated with a Fall 2019 Council Report regarding an updated Transit Windsor Master Plan.

Project Comments/Reference

(Closed 7071189) 7075189, 7201016

Version Description

The project funds are set aside and earmarked for passenger/customer amenities as the need arises. In conjunction with the Intelligent Information System (ITS) project, there has been a city wide revamping of bus signs to provide passengers with route and contact information.

Version Comments

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	173,911	173,911	0	5410	Construction Contracts - TCA									
2021	0	0	0		173,911	0	0	0	26,089	50,000	50,000	50,000	50,000	400,000
2022	0	0	0		Total									
2023	0	0	0		173,911	0	0	0	26,089	50,000	50,000	50,000	50,000	400,000
2024	26,089	26,089	0	Revenues										
2025	50,000	50,000	0	127	Dev Chg - Transit									
2026	50,000	50,000	0		173,911	0	0	0	0	0	0	0	0	173,911
2027	50,000	50,000	0	221	Service Sustainability Investm									
2028+	50,000	50,000	0		0	0	0	0	26,089	50,000	50,000	50,000	50,000	226,089
	400,000	400,000	0		Total									
					173,911	0	0	0	26,089	50,000	50,000	50,000	50,000	400,000
Historical Approved Budget														
		Revenue												
Year	Total Expense	Net City Cost	Subsidies											
2007	100,000	100,000	0											
2008	40,000	40,000	0											
2009	750,000	750,000	0											
2010	50,000	50,000	0											
2011	50,000	50,000	0											
2012	5,000	5,000	0											
2014	50,000	50,000	0											
2015	50,000	50,000	0											
2016	50,000	50,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	Until further information becomes available the amount of the operating impact cannot be quantified.								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2007	January 1, 2021	Growth: 100.0 % Maintenance: 0.0 %		Steve Habrun				Ongoing						



Project Version Summary

Project #	TRN-005-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Transit Windsor
Asset Type	Unassigned	Division	Administration - Transit Windsor
Title	Transit Windsor Service Delivery Review and Project Management		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
In a 2015 review, it was recommended that Transit Windsor complete an enterprise wide review of its services, focusing on conventional service, specialized transit services, and development of new transit services. The objectives of this review would be to improve transit efficiencies through innovation, identification and implementation of industry best practices, increase overall ridership, and maximize cost recovery. This project also includes funding for the Program Manager, Corporate Projects. This project is expected to be completed in the Fall of 2019 with an updated Transit Windsor Master Plan which will be brought to Council for consideration.
This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.

Version Description
In a 2015 review, it was recommended that Transit Windsor complete an enterprise wide review of its services, focusing on conventional service, specialized transit services, and development of new transit services. The objectives of this review would be to improve transit efficiencies through innovation, identification and implementation of industry best practices, increase overall ridership, and maximize cost recover. This project also includes funding for the Program Manager, Corporate Projects.
In May 2018, Dillon Consulting Limited was awarded the contract as the successful proponent for the Service Delivery Review Consultant (RFP NO. 55-18). The review by the consultant has begun and is expected to be completed by September 2019. This project also includes funding for the Program Manager, Corporate Projects which has been extended to coincide with the end of the PTIF program.
Transit Windsor anticipates that the service review will also identify existing and possible transit services with neighbouring municipalities and the steps to establish a form of regional transit. Creating a better network for Transit Windsor will be the objective of the service review.
The Service Delivery Review will also need to work in conjunction with the Active Transportation Master Plan that is being completed for The City of Windsor.

Project Comments/Reference
7171039

Version Comments
PRE-COMMITMENT: CR625/2016, Report # C 187/2017 approved a pre-commitment of \$175,000 in 2019 and \$50,000 in 2020 in city funding with PTIF grant funding.

Project Forecast		Revenue	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2020	50,000	50,000	0
2021	0	0	0
2022	0	0	0
2023	0	0	0
2024	0	0	0
2025	0	0	0
2026	0	0	0
2027	0	0	0
2028+	0	0	0
	50,000	50,000	0

Project Detailed Forecast											
<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>	
Expenses											
5410	Construction Contracts - TCA										
	50,000	0	0	0	0	0	0	0	0	0	50,000
Total	50,000	0	0	0	0	0	0	0	0	0	50,000
Revenues											
169	Pay As You Go - Capital Reserve										
	50,000	0	0	0	0	0	0	0	0	0	50,000
Total	50,000	0	0	0	0	0	0	0	0	0	50,000

Historical Approved Budget		Revenue	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2017	325,000	50,000	275,000
2019	265,000	265,000	0

Related Projects

Operating Budget Impact			
Effective Date	Description	Exp/(Rev)	FTE Impact
Unknown	No Operating Budget Impact.	0	0

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
------------------------	-------------------	------------------------------	---------------------	-----------------------------

2017	September 1, 2019	Growth: 100.0 % Maintenance: 0.0 %	Pat Delmore	2020
------	-------------------	------------------------------------	-------------	------



Project Version Summary

Project #	TRN-008-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Transit Windsor
Asset Type	Unassigned	Division	Administration - Transit Windsor
Title	Transit Windsor Fare Structure Review		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Version Description
<p>This project will review Transit Windsor's fare structure and compare current industry best practices. Included in this project is the implementation of software and website design that customers can utilize and purchase fare products i.e. mobile ticketing and electronic fare payment. Transit industry recognizes that introducing technology to customers helps build and strengthen transit ridership.</p> <p>IBI Consulting was awarded RFP in 2017. The consultant work is now completed and a the final report was presented to Council in July 2019 with recommendations to be considered in the Fall of 2019.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.</p>	<p>This review is complete and a recommendation for updates to the fare structure review will be brought to council in the fall of 2019. This project remains open due to a pre-commitment of funding in 2020.</p>

Project Comments/Reference	Version Comments
7171042	Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). PRE-COMMITMENT: CR625/2016, Report # C 187/2017 approved a pre-commitment of \$20,000 in 2020 in city funding with PTIF grant funding.

Project Forecast	Project Detailed Forecast																																																																																																																																																	
<table border="1" style="width: 100%;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2020</td><td>20,000</td><td>20,000</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2025</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2026</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2027</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2028+</td><td>0</td><td>0</td><td>0</td></tr> <tr> <td></td> <td style="border-top: 1px solid black;">20,000</td> <td style="border-top: 1px solid black;">20,000</td> <td style="border-top: 1px solid black;">0</td> </tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2020	20,000	20,000	0	2021	0	0	0	2022	0	0	0	2023	0	0	0	2024	0	0	0	2025	0	0	0	2026	0	0	0	2027	0	0	0	2028+	0	0	0		20,000	20,000	0	<table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="11">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td style="border-top: 1px solid black;">20,000</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">20,000</td> </tr> <tr> <td>Total</td> <td style="border-top: 1px solid black;">20,000</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">20,000</td> </tr> <tr> <td colspan="11">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td style="border-top: 1px solid black;">20,000</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">20,000</td> </tr> <tr> <td>Total</td> <td style="border-top: 1px solid black;">20,000</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">20,000</td> </tr> </tbody> </table>	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	Expenses											5410 Construction Contracts - TCA												20,000	0	0	0	0	0	0	0	0	20,000	Total	20,000	0	0	0	0	0	0	0	0	20,000	Revenues											169 Pay As You Go - Capital Reserve												20,000	0	0	0	0	0	0	0	0	20,000	Total	20,000	0	0	0	0	0	0	0	0	20,000
Year			Total Expense	Revenue																																																																																																																																														
	Net City Cost	Subsidies																																																																																																																																																
2020	20,000	20,000	0																																																																																																																																															
2021	0	0	0																																																																																																																																															
2022	0	0	0																																																																																																																																															
2023	0	0	0																																																																																																																																															
2024	0	0	0																																																																																																																																															
2025	0	0	0																																																																																																																																															
2026	0	0	0																																																																																																																																															
2027	0	0	0																																																																																																																																															
2028+	0	0	0																																																																																																																																															
	20,000	20,000	0																																																																																																																																															
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total																																																																																																																																								
Expenses																																																																																																																																																		
5410 Construction Contracts - TCA																																																																																																																																																		
	20,000	0	0	0	0	0	0	0	0	20,000																																																																																																																																								
Total	20,000	0	0	0	0	0	0	0	0	20,000																																																																																																																																								
Revenues																																																																																																																																																		
169 Pay As You Go - Capital Reserve																																																																																																																																																		
	20,000	0	0	0	0	0	0	0	0	20,000																																																																																																																																								
Total	20,000	0	0	0	0	0	0	0	0	20,000																																																																																																																																								

Historical Approved Budget	Revenue								
<table border="1" style="width: 100%;"> <thead> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2017</td> <td>370,000</td> <td>0</td> <td>370,000</td> </tr> </tbody> </table>	Year	Total Expense	Net City Cost	Subsidies	2017	370,000	0	370,000	
Year	Total Expense	Net City Cost	Subsidies						
2017	370,000	0	370,000						

Related Projects	Operating Budget Impact								
	<table border="1" style="width: 100%;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>The outcome of this review will have operating budget implications based on the recommendations that will be approved by Council when the report is considered.</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	The outcome of this review will have operating budget implications based on the recommendations that will be approved by Council when the report is considered.	0	0
Effective Date	Description	Exp/(Rev)	FTE Impact						
Unknown	The outcome of this review will have operating budget implications based on the recommendations that will be approved by Council when the report is considered.	0	0						

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2017	June 1, 2020	Growth: 100.0 % Maintenance: 0.0 %	Pat Delmore	December 31, 2020



Project Version Summary

Project #	TRN-001-07	Service Area	Office of the City Engineer
Budget Year	2020	Department	Transit Windsor
Asset Type	Unassigned	Division	Transit Maintenance
Title	Transit Windsor Fleet Replacement Program		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Version Description
<p>This project contains funding for the Transit Windsor fleet replacement program. Prior to 2016, this project included funding for the fleet replacement program and refurbishment or repair costs that extend the useful life of the buses (as reflected in the Historical Approved Budget section). Commencing in 2016, the refurbishment and repair budget funding has been separated into a separate project (project # TRN-001-16). The funding under the Ontario Bus Replacement Program (OBRP) for fleet replacement was cancelled in 2010.</p> <p>Typically included in this project, when funding is available, is the annual acquisition of new buses for Transit Windsor and support vehicles which have become increasingly more expensive to maintain due to the age of the fleet and foreign exchange fluctuations. With such a large and varying fleet of buses and continual fiscal pressures, the City of Windsor commissioned a full lifecycle costing study. In 2015, a study was conducted by Parsons Brinckerhoff to develop a Transit Fleet Asset Management Plan that identified strategies for fiscal expenditures that results in a reduction to Transit Windsor's operating budget. The study recommended that 8 buses be purchased each year. The study was completed and reported to City Council in 2016.</p>	<p>Transit Windsor and the City of Windsor has funding from the federal government for transit-related projects, including funds to support the replacement of the existing rolling stock that has exceeded its expected useful life. The replacement of these buses will improve the overall passenger experience, and provide an opportunity for Transit Windsor to encourage commuters to use public transit as their primary mode of transportation. Replacing these buses will also enhance the environment of our neighbourhoods by fostering healthy lifestyles and integrating environmentally friendly transportation systems. As a result of Public Transit Infrastructure Fund (PTIF) 50% funding, Transit Windsor purchased 24 clean diesel buses using capital funding in years 2017 to 2019. These buses were delivered in Q2 of 2018. Funding for these buses is included in project TRN-010-17.</p> <p>The introduction of new and modern vehicles will be another step in the process to encourage behavioural change in the community by improving the competitiveness and attractiveness of public transport. Ultimately the goal is to double the transit modal split by encouraging non-riders to take public transit for selected trips rather than drive their cars and to expand the system to improve service in the region of Windsor and Essex County.</p> <p>In the industry, buses have a projected life expectancy of 12 years with some properties keeping their buses as long as 18 years. Transit Windsor has older buses in its fleet which are costly to maintain and are not environmentally friendly. Transit Windsor has difficulty procuring repair parts and has to salvage parts from other buses to keep the buses on the road. The immediate replacement of newer clean diesel buses will reduce the GHG emissions and allow Transit Windsor to dispose of any bus older than 12 years. The average age of the Transit Windsor fleet is approximately 8 years. Transit Windsor's operations will become more efficient with repairs less costly and these funds can be redirected into providing and expanding service.</p> <p>In addition to the benefit to Transit Windsor's ridership, the regional community will also benefit from the continuation of an environmentally friendly fleet as this will result in a cleaner community. New buses will be more accessible and modern and replacing the current high floor with lower floor buses will also be especially attractive for seniors and persons with disabilities. Students will also be an important target group as approximately over 40%.</p> <p>The City of Windsor budgets for its capital programs using a eight year plan. The PTIF funding provided funding for replacement buses for 2017-2019. This project identifies funding levels required to continue with the implementation of the recommendations outlined in the lifecycle costing study which recommends that 8 buses be purchased each year. As of 2019, the cost per bus was approximately \$665,626, \$5,325,008 for 8 buses. This project has incorporated a 5.96% increase annually, the rate used by the vendor, for the cost of the 8 buses as well as a 2% increase annually for Spare Parts, Internal Installation and Removal of Hardware Costs and Contingency. Spare parts is calculated as 1% of the total bus purchase with a contingency calculated as 5%. A \$1,500 annual inspection fee is also included annually in the cost for Parts and Materials.</p>
<p>Project Comments/Reference</p> <p>7151006 / 7191031 / 7201014 (CLOSED: 7003812, 7109002, 7111029, 7131003, 7151007, 7121003, 7141015, 7171044)</p>	<p>Version Comments</p> <p>PRE-COMMITMENT: 403/2017, Report # S 107/2017 approved a pre-commitment of \$215,000 in 2019. Council approved and pre-committed the allocation from 2019 funding for PTIF project #TRN-010-17 (project ID 7171044).</p> <p>As per B59/2019, Council approved a pre-commitment of \$2,085,500 in 2020, \$3,010,500 in 2021 and \$4,800,000 in 2022 for the Investing in Canada Plan - Public Transit grant.- RESCINDED through CR248/2019.</p> <p>Funding moved to the following Projects per CR248/2019, Report # C 79/2019 (Clerk's File: MT/13478 11.2)</p> <ul style="list-style-type: none"> - Customer Stop Amenities TRN-001-20 from TRN-001-07 Year 2021 \$666,750 - Fleet Purchase TRN 003-20 from TRN-001-07 Year 2020 \$2,013,386 and Year 2021 \$1,916,677 - TW Master Plan Implementation-Phase 1 TRN-002-20 from TRN-001-07 Year 2021 \$272,496 and Year 2022 \$802,820 - Total \$5,672,129

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	72,114	72,114	0	2250	Vehicle Maint Parts/Materials									
2021	154,577	154,577	0			0	0	0	0	0	526,924	556,397	1,863,888	2,947,209
2022	3,997,180	3,997,180	0	5110	Machinery & Equipment - TCA									
2023	4,800,000	4,800,000	0			72,114	154,577	3,997,180	4,800,000	5,675,858	2,142,375	3,375,714	5,851,662	28,532,898
2024	5,675,858	5,675,858	0											
2025	2,142,375	2,142,375	0											
2026	3,902,638	3,902,638	0											
2027	6,408,059	6,408,059	0											
2028+	30,396,786	30,396,786	0											
	57,549,587	57,549,587	0											
Historical Approved Budget				Revenues										
Year	Total Expense	Net City Cost	Subsidies	221	Service Sustainability Investm									
2008	5,898,500	4,818,500	1,080,000			72,114	154,577	3,997,180	4,800,000	5,675,858	2,142,375	3,902,638	6,408,059	30,396,786
2009	6,509,133	3,904,557	2,604,576											
2010	4,530,500	4,530,500	0											
2011	3,859,554	3,859,554	0											
2012	3,860,500	3,860,500	0											
2013	350,000	350,000	0											
2014	3,510,500	3,510,500	0											
2015	3,510,500	3,510,500	0											
2019	215,108	215,108	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	Operating efficiencies are expected as a result of the implementation of the recommendations arising from the lifecycle costing study. Those same recommendations will inform Transit Windsor about future decisions regarding fleet maintenance and replacement.								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date					
2007	January 2, 2016	Growth: 0.0 % Maintenance: 100.0 %		Tony Houad					Ongoing					



Project Version Summary

Project # TRN-001-08 **Service Area** Office of the City Engineer
Budget Year 2020 **Department** Transit Windsor
Asset Type Unassigned **Division** Transit Maintenance

Title Transit Windsor Smart Bus Technology/Intelligent Transportation System (ITS) Initiative
Budget Status Council Approved Budget
Major Category Transportation
Wards City Wide
Version Name Main (Active)

Project Description

The Intelligent Transportation System provides a unified computerized system with all components needed in today's modern transit buses including:

- Automatic Vehicle Location
- Computer-Aided Dispatch for real time service monitoring
- Real Time Passenger Information Systems including Text/SMS, Interactive Voice Response System, and website information
- Automated Stop Announcements
- Implementation of security cameras on the buses

As technology continues to advance, it is recognized that replacement costs and upgrades will be required to maintain the system.

Version Description

The Intelligent Transportation System (ITS) has been implemented into the Transit Fleet and is fully operational. This system has greatly improved the delivery of Transit services to passengers in the following ways:

More Predictable Bus Service

Through access to real time information, riders are able to predict the arrival of their bus at a stop including if it has been delayed for some reason. Passengers have access via web applications or SMS. Third party applications will be able to publish this information through the City's Open Data Initiative.

Improved Accessibility

The automated announcement of the next bus stop creates a more user friendly and accessible public transportation service for an increasingly diverse population.

More Reliable Service

Operators and the Transit Control Centre can monitor the real time status of buses compared to the planned schedule, thus enabling them to address operational issues as they occur.

Safer Transit Experience

By integrating security cameras into the solution, Transit Windsor has the ability to review documented video footage and follow up on reported incidents. This greatly reduce the costs of insurance claims by those claiming injury onboard buses.

Additional funding has been budgeted in future years in anticipation of replacements and other potential ITS maintenance that will be required.

Project Comments/Reference

7139007

On July 6, 2015, City Council approved the Intelligent Transportation System (ITS)/Smart Bus Capital Project (CR129/2015) providing a budget of \$2.7 million to move forward with the ITS project.

The agreement with the selected vendor, Strategic Mapping, was executed in November, 2015.

The projected impact on the operating budget was identified included in the 2017 operating budget development. There are no anticipated additional costs identified for 2019.

Version Comments

The project has \$1.7 million approved under the 2013 Enhanced Capital Spending Plan, \$500,000 funded from the 2012 Fleet Replacement Project and as per CR129/2015, a pre-commitment from the 'planned' 2019 Capital Budget for the Transit Windsor ITS Project. In addition, there have been some amendments to the contract with Strategic Mapping for items related to the ITS project that will enhance customer service and the overall experience for the riders.

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5110	Machinery & Equipment - TCA									
2021	0	0	0											
2022	759,744	759,744	0				759,744	583,204	0	0	0	0	0	1,342,948
2023	583,204	583,204	0				759,744	583,204	0	0	0	0	0	1,342,948
2024	0	0	0											
2025	0	0	0											
2026	0	0	0											
2027	0	0	0											
2028+	0	0	0											
	1,342,948	1,342,948	0											
Historical Approved Budget				Operating Budget Impact										
		Revenue		Effective Date	Description								Exp/(Rev)	FTE Impact
Year	Total Expense	Net City Cost	Subsidies											
2019	500,000	500,000	0	Unknown									0	0
Related Projects														
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2008	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Tony Houad				2019 & Beyond						



Project Version Summary

Project #	TRN-001-16	Service Area	Office of the City Engineer
Budget Year	2020	Department	Transit Windsor
Asset Type	Unassigned	Division	Transit Maintenance
Title	Transit Windsor Fleet Refurbishment/Repair Costs		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Fleet Refurbishment/Repair Costs (Active)		

Project Description
<p>This project has funding for the Transit Windsor fleet refurbishment and repair costs that extend the useful life of the buses or additional vehicle enhancements (e.g ITS System enhancements).</p> <p>This Capital Budget submission includes a provision for refurbishment and repair or enhancement costs, which is consistent with funding levels provided in prior years.</p>

Version Description
<p>As noted in project TRN-001-07, prior to 2016, the fleet replacement project had funding for fleet replacement and refurbishment or repair costs that extend the useful life of the buses. Commencing in 2016, the refurbishment and repair budget funding was reallocated to this separate project.</p> <p>A reduction to \$300,000 from \$500,000 in year 2022 and 2023 will have an affect on operating as this capital amount is transferred into operating to cover refurbishments and repairs. Due to the age of many buses within the fleet, significant refurbishment work will continue to be required in order to maintain the existing fleet over the next few years even after the new bus purchases in 2018 and potential new purchases in 2020 and 2021. In 2008, 18 new buses were purchased and now require refurbishment work at the same time. This is a downfall of purchasing a large volume of buses all in the same year. In order to ensure Transit Windsor is able to have the appropriate number of buses in service in order to meet the service demands, as well as ensure all buses are meeting MTO safety requirements, appropriate funding is required.</p> <p>The risk of reducing the refurbishment funding in future years will affect the operating budget as the work must be completed to meet service needs and therefore these costs would be required to be incurred through operating. Operating maintenance costs are continuing to increase as parts become more expensive, therefore using the operating budget to complete necessary refurbishment work would lead to a significant deficit in the Fleet Vehicle Parts and Maintenance operating budget.</p>

Project Comments/Reference
<p>(Closed: 7151007/7171034/ 7161041/ 7181018) Open: 7191017 / 7201015</p>

Version Comments

Project Forecast		Revenue	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2020	500,000	500,000	0
2021	500,000	500,000	0
2022	500,000	500,000	0
2023	300,000	300,000	0
2024	300,000	300,000	0
2025	300,000	300,000	0
2026	300,000	300,000	0
2027	300,000	300,000	0
2028+	1,900,000	1,900,000	0
	4,900,000	4,900,000	0

Project Detailed Forecast										
<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>
Expenses										
2250 Vehicle Maint Parts/Materials										
	500,000	500,000	500,000	300,000	300,000	300,000	300,000	300,000	1,900,000	4,900,000
Total	500,000	500,000	500,000	300,000	300,000	300,000	300,000	300,000	1,900,000	4,900,000
Revenues										
221 Service Sustainability Investm										
	500,000	500,000	500,000	300,000	300,000	300,000	300,000	300,000	1,900,000	4,900,000
Total	500,000	500,000	500,000	300,000	300,000	300,000	300,000	300,000	1,900,000	4,900,000

Historical Approved Budget		Revenue	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2016	471,000	471,000	0
2017	500,000	500,000	0
2018	500,000	500,000	0
2019	500,000	500,000	0



Project Version Summary

Project #	TRN-002-08	Service Area	Office of the City Engineer
Budget Year	2020	Department	Transit Windsor
Asset Type	Unassigned	Division	Transit Maintenance
Title	Transit Windsor Fleet Structural Repairs		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
This request is to fund the major repair costs to the fleet due to the delay in replacing buses. Transit Windsor expects to continue to accrue costs to keep the existing fleet operational until such time as the older buses can be removed from service.				This provision will assist in replacing major components on hybrid buses including such as high voltage batteries, DPIM's and the DPF emission system when replacement is required. Industry experience indicates that these two major components start to fail between 6 to 8 years of age. Transit Windsor currently has 29 hybrid vehicles in the fleet and all of these vehicles are currently out of warranty. Funding for hybrid fleet refurbishments have been funded under the Public Transit Infrastructure Fund (PTIF) Phase 1. See project TRN-011-17. This project reflects the continuation of the refurbishment program in years 2021 +. The PTIF funding allowed for 8 hybrid battery replacements and 11 DPIM replacements. These replacements will continue to be required in future years as long as the hybrids are part of the fleet.											
Project Comments/Reference				Version Comments											
(Closed: 7135000/7141016) /7161042															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5110 Machinery & Equipment - TCA		0	302,500	200,000	200,000	200,000	200,000	200,000	200,000	450,000	1,952,500
2021	302,500	302,500	0	Total		0	302,500	200,000	200,000	200,000	200,000	200,000	200,000	450,000	1,952,500
2022	200,000	200,000	0	Revenues											
2023	200,000	200,000	0	221 Service Sustainability Investm		0	302,500	200,000	200,000	200,000	200,000	200,000	200,000	450,000	1,952,500
2024	200,000	200,000	0	Total		0	302,500	200,000	200,000	200,000	200,000	200,000	200,000	450,000	1,952,500
2025	200,000	200,000	0												
2026	200,000	200,000	0												
2027	200,000	200,000	0												
2028+	450,000	450,000	0												
	1,952,500	1,952,500	0												
Historical Approved Budget															
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2013	150,000	150,000	0	5110 Machinery & Equipment - TCA		0	302,500	200,000	200,000	200,000	200,000	200,000	200,000	450,000	1,952,500
2014	300,000	300,000	0	Total		0	302,500	200,000	200,000	200,000	200,000	200,000	200,000	450,000	1,952,500
2016	300,000	300,000	0	Revenues											
				221 Service Sustainability Investm		0	302,500	200,000	200,000	200,000	200,000	200,000	200,000	450,000	1,952,500
				Total		0	302,500	200,000	200,000	200,000	200,000	200,000	200,000	450,000	1,952,500
Related Projects				Operating Budget Impact											
				Effective Date		Description				Exp/(Rev)		FTE Impact			
				Unknown		The life cycle of some of the major components (such as the hybrid batteries and the DPIMs) is challenging to predict. There is no definite date or age as to when these components will require replacement. The replacement costs for the Hybrid ESS battery and DPIM controller are estimated at \$44,000 and \$70,250 respectively. Since 18 hybrid buses were purchased in 2009, there is likelihood that these parts will all require replacement at the same time.				0		0			
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2008	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %		Tony Houad				Ongoing							



Project Version Summary

Project #	TRN-017-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Transit Windsor
Asset Type	Unassigned	Division	Transit Maintenance
Title	Installation of an Exhaust Unit for Improved Ventilation at Main Transit Terminal		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Version Description
<p>Given a recent energy audit of the main transit terminal, it was identified that a makeup/exhaust system requires replacement to ensure improved ventilation and efficiencies. This would generate an expected annual savings of \$18,000 in hydro costs. Further, the installation of a carbon monoxide monitoring system would ensure the safety of employees and customers at this facility.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.</p>	<p>This project has been reported as completed and will be submitted to the Ministry of Transportation for federal funding as requested. Project remains open due to the precommitted funds in 2020.</p>

Project Comments/Reference	Version Comments
7171051	Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). PRE-COMMITMENT: CR625/2016, Report # C 187/2017 approved a pre-commitment of \$375,000 in 2020 in city funding with PTIF grant funding.

Project Forecast	Project Detailed Forecast																																																																																																																																																	
<table border="1" style="width: 100%;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2020</td><td>375,000</td><td>375,000</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2025</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2026</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2027</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2028+</td><td>0</td><td>0</td><td>0</td></tr> <tr> <td></td> <td>375,000</td> <td>375,000</td> <td>0</td> </tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2020	375,000	375,000	0	2021	0	0	0	2022	0	0	0	2023	0	0	0	2024	0	0	0	2025	0	0	0	2026	0	0	0	2027	0	0	0	2028+	0	0	0		375,000	375,000	0	<table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="11">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>375,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>375,000</td> </tr> <tr> <td>Total</td> <td>375,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>375,000</td> </tr> <tr> <td colspan="11">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>375,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>375,000</td> </tr> <tr> <td>Total</td> <td>375,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>375,000</td> </tr> </tbody> </table>	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	Expenses											5410 Construction Contracts - TCA												375,000	0	0	0	0	0	0	0	0	375,000	Total	375,000	0	0	0	0	0	0	0	0	375,000	Revenues											169 Pay As You Go - Capital Reserve												375,000	0	0	0	0	0	0	0	0	375,000	Total	375,000	0	0	0	0	0	0	0	0	375,000
Year			Total Expense	Revenue																																																																																																																																														
	Net City Cost	Subsidies																																																																																																																																																
2020	375,000	375,000	0																																																																																																																																															
2021	0	0	0																																																																																																																																															
2022	0	0	0																																																																																																																																															
2023	0	0	0																																																																																																																																															
2024	0	0	0																																																																																																																																															
2025	0	0	0																																																																																																																																															
2026	0	0	0																																																																																																																																															
2027	0	0	0																																																																																																																																															
2028+	0	0	0																																																																																																																																															
	375,000	375,000	0																																																																																																																																															
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total																																																																																																																																								
Expenses																																																																																																																																																		
5410 Construction Contracts - TCA																																																																																																																																																		
	375,000	0	0	0	0	0	0	0	0	375,000																																																																																																																																								
Total	375,000	0	0	0	0	0	0	0	0	375,000																																																																																																																																								
Revenues																																																																																																																																																		
169 Pay As You Go - Capital Reserve																																																																																																																																																		
	375,000	0	0	0	0	0	0	0	0	375,000																																																																																																																																								
Total	375,000	0	0	0	0	0	0	0	0	375,000																																																																																																																																								

Historical Approved Budget	Revenue								
<table border="1" style="width: 100%;"> <thead> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2017</td> <td>375,000</td> <td>0</td> <td>375,000</td> </tr> </tbody> </table>	Year	Total Expense	Net City Cost	Subsidies	2017	375,000	0	375,000	
Year	Total Expense	Net City Cost	Subsidies						
2017	375,000	0	375,000						

Related Projects	Operating Budget Impact								
	<table border="1" style="width: 100%;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>Reduction in hydro costs.</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	Reduction in hydro costs.	0	0
Effective Date	Description	Exp/(Rev)	FTE Impact						
Unknown	Reduction in hydro costs.	0	0						

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2017	January 1, 2017	Growth: 100.0 % Maintenance: 0.0 %	Tony Houad	2020



Project Version Summary

Project #	TRN-018-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Transit Windsor
Asset Type	Unassigned	Division	Transit Maintenance
Title	Acquisition of a Commercial Grade Floor Sweeper for Maintenance Garage Floor		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Version Description
<p>The current equipment is in excess of 20 years old and has exceeded its useful life. Current operating dollars are used to maintain this equipment and could be eliminated by the acquisition of a new commercial grade floor sweeper. This would result in fewer breakdowns and ensure the garage floor is clean of grease and other debris to avoid employee injury.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.</p>	<p>This project has been reported as complete when the progress report was submitted to the Ministry of Transportation in December 2017 and federal funding was requested. Project remains open due to the precommitted funds in 2020</p>

Project Comments/Reference	Version Comments
7171052	Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). PRE-COMMITMENT: CR625/2016, Report # C 187/2017 approved a pre-commitment of \$42,500 in 2020 in city funding with PTIF grant funding.

Project Forecast	Project Detailed Forecast																																																																																																																											
<table border="1" style="width: 100%;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2020</td><td>42,500</td><td>42,500</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2025</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2026</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2027</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2028+</td><td>0</td><td>0</td><td>0</td></tr> <tr> <td></td> <td style="text-align: right;">42,500</td> <td style="text-align: right;">42,500</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2020	42,500	42,500	0	2021	0	0	0	2022	0	0	0	2023	0	0	0	2024	0	0	0	2025	0	0	0	2026	0	0	0	2027	0	0	0	2028+	0	0	0		42,500	42,500	0	<table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="11">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td>42,500</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>42,500</td> </tr> <tr> <td style="text-align: right;">Total</td> <td>42,500</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>42,500</td> </tr> <tr> <td colspan="11">Revenues</td> </tr> <tr> <td>221 Service Sustainability Investm</td> <td>42,500</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>42,500</td> </tr> <tr> <td style="text-align: right;">Total</td> <td>42,500</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>42,500</td> </tr> </tbody> </table>	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	Expenses											5410 Construction Contracts - TCA	42,500	0	0	0	0	0	0	0	0	42,500	Total	42,500	0	0	0	0	0	0	0	0	42,500	Revenues											221 Service Sustainability Investm	42,500	0	0	0	0	0	0	0	0	42,500	Total	42,500	0	0	0	0	0	0	0	0	42,500
Year			Total Expense	Revenue																																																																																																																								
	Net City Cost	Subsidies																																																																																																																										
2020	42,500	42,500	0																																																																																																																									
2021	0	0	0																																																																																																																									
2022	0	0	0																																																																																																																									
2023	0	0	0																																																																																																																									
2024	0	0	0																																																																																																																									
2025	0	0	0																																																																																																																									
2026	0	0	0																																																																																																																									
2027	0	0	0																																																																																																																									
2028+	0	0	0																																																																																																																									
	42,500	42,500	0																																																																																																																									
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total																																																																																																																		
Expenses																																																																																																																												
5410 Construction Contracts - TCA	42,500	0	0	0	0	0	0	0	0	42,500																																																																																																																		
Total	42,500	0	0	0	0	0	0	0	0	42,500																																																																																																																		
Revenues																																																																																																																												
221 Service Sustainability Investm	42,500	0	0	0	0	0	0	0	0	42,500																																																																																																																		
Total	42,500	0	0	0	0	0	0	0	0	42,500																																																																																																																		

Historical Approved Budget	Revenue								
<table border="1" style="width: 100%;"> <thead> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2017</td> <td>42,500</td> <td>0</td> <td>42,500</td> </tr> </tbody> </table>	Year	Total Expense	Net City Cost	Subsidies	2017	42,500	0	42,500	
Year	Total Expense	Net City Cost	Subsidies						
2017	42,500	0	42,500						

Related Projects	Operating Budget Impact								
	<table border="1" style="width: 100%;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating Budget Impact.</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>	Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	No Operating Budget Impact.	0	0
Effective Date	Description	Exp/(Rev)	FTE Impact						
Unknown	No Operating Budget Impact.	0	0						

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %	Tony Houad	December 31, 2020



Project Version Summary

Project #	TRN-021-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Transit Windsor
Asset Type	Unassigned	Division	Transit Maintenance
Title	Acquisition of Fleet Inspection Equipment to Support the Bus Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Version Description
Nine of the 11 in ground hoists exceeded 38 years and outlived their useful life. Rehabilitation and replacement of this equipment will ensure business continuity and minimize breakdowns, resulting in a more efficient operation through better utilization of resources and equipment. This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.	This project has been reported as completed and will be submitted to the Ministry of Transportation for federal funding as requested. Project remains open due to the precommitted funds in 2020.

Project Comments/Reference	Version Comments
7171055	Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). PRE-COMMITMENT: CR625/2016, Report # C 187/2016 approved a pre-commitment of \$387,500 in 2020 in city funding with PTIF grant funding.

Project Forecast		Revenue		Project Detailed Forecast										
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>
2020	387,500	387,500	0	Expenses										
2021	0	0	0	5110	Machinery & Equipment - TCA									
2022	0	0	0		387,500	0	0	0	0	0	0	0	0	387,500
2023	0	0	0	Total	387,500	0	0	0	0	0	0	0	0	387,500
2024	0	0	0	Revenues										
2025	0	0	0	221	Service Sustainability Investm									
2026	0	0	0		387,500	0	0	0	0	0	0	0	0	387,500
2027	0	0	0	Total	387,500	0	0	0	0	0	0	0	0	387,500
2028+	0	0	0											
	387,500	387,500	0											

Historical Approved Budget		Revenue	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2017	387,500	0	387,500

Related Projects	Operating Budget Impact								
	<table border="1"> <thead> <tr> <th><u>Effective Date</u></th> <th><u>Description</u></th> <th><u>Exp/(Rev)</u></th> <th><u>FTE Impact</u></th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating Budget Impact.</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	<u>Effective Date</u>	<u>Description</u>	<u>Exp/(Rev)</u>	<u>FTE Impact</u>	Unknown	No Operating Budget Impact.	0	0
<u>Effective Date</u>	<u>Description</u>	<u>Exp/(Rev)</u>	<u>FTE Impact</u>						
Unknown	No Operating Budget Impact.	0	0						

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %	Tony Houad	2020



Project Version Summary

Project #	TRN-001-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Transit Windsor
Asset Type	Unassigned	Division	Transit Operations
Title	Transit Windsor - Building Maintenance		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description

Transit Windsor's main office and maintenance garage located at 3700 North Service Road was opened in April 1978 and operates 24 hours a day and 7 days a week. The facility and many of the building components are past their life expectancy which are experiencing greater capital investment needs to maintain, repair or replace aging components. The regular demands of the facility has identified a number of ongoing capital improvements required to enhance the overall operational efficiency of the facility in order to meet the demands of the community that rely on public transit.

The projects that are of immediate concern at Transit Windsor's main office are the exterior roadwork needs, pedestrian traffic control measures and new fencing needs on the perimeter of the property. The roadway, ditch and drainage on the east side of the property are in desperate need of repair and resurfacing as they have not been repaired in over 20 years. The ditch and sidewalk needs on the west side of the property are also reaching the level of critical repair. Currently, there are no sidewalks on the property. Pedestrians are forced to walk on Transit Windsor's property, which poses a risk to the pedestrian and the Operators as there are buses constantly moving on the property. Transit Windsor would also undertake the replacement of the underground fuel tanks at the same time as the road way work, as these fuel tanks are reaching the end of their useful life and may begin to pose an environmental risk.

In addition, in 2015 a study was conducted by Parsons Brinckerhoff to develop a Transit Fleet Asset Management Plan that identified strategies for fiscal expenditures that results in a reduction to transit's operating budget. Some of these best practices are transferable to the facility and equipment including implementing a life cycle costing program. The facility has a vast array of equipment that is used to run the garage as well as the facility required to support transit operations. The warranty for most of the equipment in the facility has now expired so this program will fund necessary replacement of equipment and facility improvements. Specific attention to equipment and facility requirements to support maintaining a fleet of 112 buses and supporting vehicles, body shop and mechanic workstations, bus servicing area and the transportation area.

Project Comments/Reference

Version Description

The following items are anticipated to be included but not limited to the following projects

- Rehabilitate hoist 9# and 10# installation of dewatering system and replacement of hydraulic system. These were removed from scope of PTIF project do to funds.
- Replacement of outdoor furniture at the Windsor International Transit Terminal
- Removal of fence on the North side of property and landscape front of building
- Expansion of staff parking lot for drivers
- New 3 post hoist for articulated buses
- Mill and pave asphalt at Transit Central and repair east roadway 18,924 square yards

Version Comments

Project Forecast				Project Detailed Forecast										
Year	Total Expense	Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
		Net City Cost	Subsidies											
2020	0	0	0	Expenses										
2021	0	0	0	5110	0	0	0	0	0	0	400,000	0	1,040,000	1,440,000
2022	0	0	0	Machinery & Equipment - TCA										
2023	0	0	0	5410	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	Construction Contracts - TCA										
2025	0	0	0	Total										
2026	400,000	400,000	0	0										
2027	0	0	0	0										
2028+	1,040,000	1,040,000	0	0										
	1,440,000	1,440,000	0	Revenues										
				221	0	0	0	0	0	0	400,000	0	1,040,000	1,440,000
				Service Sustainability Investm										
				Total										
				0										
Historical Approved Budget				Operating Budget Impact										
Related Projects														
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date					
2017	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %		Tony Houad					2021+					



Project Version Summary

Project #	TRN-020-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Transit Windsor
Asset Type	Unassigned	Division	Transit Operations
Title	Renovations and Enhancements to the Transportation Services Area		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
<p>Since the construction of the facility in 1979, the transportation area and central dispatch at the main transit terminal have expanded to support new technologies, including the Intelligent Transportation System. These new technology improvements facilitate the need to enhance existing facilities to ensure effective communication to on street service. Improvements in communication allow for better functionality with bus drivers and customers through real time information.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.</p>															
Project Comments/Reference				Version Comments											
7171054				<p>Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). PRE-COMMITMENT: CR625/2016, Report # C 187/2017 approved a pre-commitment of \$100,000 in 2020 in city funding with PTIF grant funding.</p>											
Project Forecast				Project Detailed Forecast											
		Revenue													
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
2020	100,000	100,000	0	Expenses											
2021	0	0	0	5410	Construction Contracts - TCA										
2022	0	0	0		100,000	0	0	0	0	0	0	0	0	100,000	
2023	0	0	0		Total	100,000	0	0	0	0	0	0	0	100,000	
2024	0	0	0	Revenues											
2025	0	0	0	221	Service Sustainability Investm										
2026	0	0	0		100,000	0	0	0	0	0	0	0	0	100,000	
2027	0	0	0		Total	100,000	0	0	0	0	0	0	0	100,000	
2028+	0	0	0												
	100,000	100,000	0												
Historical Approved Budget															
Year	Total Expense	Net City Cost	Subsidies												
2017	100,000	0	100,000												
Related Projects				Operating Budget Impact											
				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	No Operating Budget Impact.								0	0	
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Tony Houad					2020						



Project Version Summary

Project #	TRN-009-17	Service Area	Office of the City Engineer
Budget Year	2020	Department	Transit Windsor
Asset Type	Unassigned	Division	Transit Planning
Title	Restoration of Multiple Transit Windsor Pedestrian Shelters		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description										
The purchase of up to 125 bus shelters equipped with solar lighting and solar advertising panels, along with refurbishing of up to 57 existing bus shelters, will assist in providing enhanced customer amenities. External benefits would increase our shelter coverage from 13% to 20% within our service area.				An update to this project identified that 125 new shelters were to be installed during 2018 and 2019, with 57 old shelters being replaced from the 125 new installations. External benefits will increase shelter coverage from 13% to 20% within our service area. 118 Shelters have been installed as of July 2019 with the remaining 7 planned to be installed September 2019.										
Project Comments/Reference				Version Comments										
7171043				Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). PRE-COMMITMENT: CR625/2016, Report # C 187/2017 approved a pre-commitment of \$120,000 in 2019, \$320,000 in 2020 and \$20,000 in 2021 in city funding with PTIF grant funding.										
Project Forecast				Project Detailed Forecast										
		Revenue												
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
2020	320,000	320,000	0	Expenses										
2021	20,000	20,000	0	5410	Construction Contracts - TCA									
2022	0	0	0		320,000	20,000	0	0	0	0	0	0	0	340,000
2023	0	0	0		Total	320,000	20,000	0	0	0	0	0	0	340,000
2024	0	0	0	Revenues										
2025	0	0	0	127	Dev Chg - Transit									
2026	0	0	0		20,000	20,000	0	0	0	0	0	0	0	40,000
2027	0	0	0	221	Service Sustainability Investm									
2028+	0	0	0		300,000	0	0	0	0	0	0	0	0	300,000
	340,000	340,000	0		Total	320,000	20,000	0	0	0	0	0	0	340,000
Historical Approved Budget														
Year	Total Expense	Net City Cost	Subsidies											
2017	520,000	20,000	500,000											
2018	20,000	20,000	0											
2019	120,000	120,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	The new shelters do not incur hydro costs due to the solar panels. This reduction in utility costs have been used to partially fund a new maintenance positions for cleaning of the shelters. The previous cleaning budget was used to fund the remaining amount required for the full time maintenance positions. Further operating costs may be incurred for supplies and other resources needed to clean the shelters, such as a support vehicle.								0	0
Year Identified	Start Date	Project Type for 2020	Project Lead			Est. Completion Date								
2017	January 1, 2017	Growth: 6.3 % Maintenance: 93.8 %	Steve Habrun			2021								

2020 Approved Capital Budget



Capital Project Summaries

Office of the City Solicitor



Project Version Summary

Project #	FRS-001-19	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Water Rescue Equipment - Fire & Rescue Division		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description
 Windsor Fire & Rescue is recommending funding for the purchase of Water Rescue Equipment. Within the city of Windsor there is 43.7 kilometers of shoreline of the Detroit River, 12.4 kilometers of shoreline of the Little River, and 8.8 kilometers of the Grand Marais Drain. Additional risks include 50 + acres made up of 6 major bodies of water including Southwood lakes and Blue Heron to name a few. Windsor Fire & Rescue team currently provides minimal land based water rescue. No firefighter shall be within 3 feet of any shoreline. In a water emergency, firefighter is limited to a throw bag with 75ft of rope and a throw Buoy (75ft) on every Fire Truck. No Ice rescue is provided if distress happens to be during the winter months.

The enhancement of this service would include water entry and ice rescue on the inland bodies of water. While the training is similar, extending this service to include response on the Detroit River would require the purchase of, or at least access to a watercraft suitable for rescue operations on the Detroit river.

Version Description
 One-time funding for the equipment required is detailed below. Department is recommending that \$100,000 be allocated to allow this important service delivery be enhanced.
 Ice Rescue/Flotation kit
 Personal Water Craft (including a trailer)
 Water Suits
 Miscellaneous hand tools and equipment

As per 2016 to 2018 MBN Canada Fire846 Measure: Number of Fire & Rescue Boats, Windsor, Hamilton and Montreal are 3 municipalities without rescue boats among it's 10 comparators. London and Toronto have two, Sudbury (greater) and Thunder Bay have four rescue boats, etc.

Important to note, with the shoreline erosion experienced in the last couple of years, there is an increased risk that water rescue may be required.

Project Comments/Reference
 Windsor Fire & Rescue 2018-2023 Strategic plan, revealed that external community stakeholders expressed an area of concern that may be a weakness within current delivery system. In priority order #7 on the list, was lack of water and ice rescue service given the proximity to waterways.

7201019

Version Comments

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	130,000	130,000	0
2021	0	0	0
2022	0	0	0
2023	0	0	0
2024	0	0	0
2025	0	0	0
2026	0	0	0
2027	0	0	0
2028+	100,000	100,000	0
	230,000	230,000	0

Project Detailed Forecast										
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses										
5111 Machinery & Equipment -Non TCA	130,000	0	0	0	0	0	0	0	100,000	230,000
Total	130,000	0	0	0	0	0	0	0	100,000	230,000
Revenues										
169 Pay As You Go - Capital Reserve	130,000	0	0	0	0	0	0	0	100,000	230,000
Total	130,000	0	0	0	0	0	0	0	100,000	230,000

Historical Approved Budget

Related Projects

Operating Budget Impact			Exp/(Rev)	FTE Impact
Effective Date	Description			
2026-01-01	Certification training		1,000	0

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2019	March 1, 2024	Growth: 100.0 % Maintenance: 0.0 %	Marty Haidy/Deputy Chief Jamie Waffle	2028+



Project Version Summary

Project #	FRS-001-20	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Technology Replacements - Emergency Operations Centre (EOC)		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards			
Version Name	Main (Active)		

Project Description				Version Description											
Emergency Operations Centre (EOC) opened in September of 2017 with technology and components that were affordable within the project budget. As with all equipment these component funds requested are for technology maintenance and replacement as equipment capabilities decline or equipment becomes unsupportive or obsolete.				The EOC is equipped with high level computer technology like visual, sound and communication equipment among others. Reliable, up to date technology will provide safety and security to all internal personnel and community at large to minimize effects of disasters such as tornado, flooding or industrial accidents. Fire, Police or EMS work cooperatively to save lives and infrastructure one of which is through technology advancements. It is essential a replacement plan is established in order to ensure the EOC remains operational and funds are available when equipment needs replacement.											
Project Comments/Reference				Version Comments											
Funding replacement plan beyond year 2027 is planned with request for funding of \$50,000 every three years starting in year 2030. Funds are to be placed in a newly established reserve account and used as the need for replacement or upgrade arises.															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5110 Machinery & Equipment - TCA											
2021	0	0	0		0	0	0	0	0	0	150,000	150,000	50,000	350,000	
2022	0	0	0	Total	0	0	0	0	0	0	150,000	150,000	50,000	350,000	
2023	0	0	0	Revenues											
2024	0	0	0	221 Service Sustainability Investm											
2025	0	0	0		0	0	0	0	0	0	150,000	150,000	50,000	350,000	
2026	150,000	150,000	0	Total	0	0	0	0	0	0	150,000	150,000	50,000	350,000	
2027	150,000	150,000	0												
2028+	50,000	50,000	0												
	350,000	350,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2020	December 31, 2025	Growth: 0.0 % Maintenance: 0.0 %	Emily Bertram/Fire Chief Stephen Laforet	2028+											



Project Version Summary

Project #	FRS-002-19	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Fire & Rescue - Forcible Entry Prop		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description				Version Description																
Fire & Rescue Training division requires two new forcible entry props. It is used to practice the skill of entering a locked structure in an emergency situation. Training is often brought to different fire hall stations to allow for firefighters' readiness to respond if an emergency call comes in. The new forcible entry prop has the functionality to be taken apart and make it more portable to facilitate training in different locations.				Forcible entry is a perishable skill that requires regular practice. A firefighter whose skills have diminished is at greater risk of suffering an injury due to improper technique and may take more time on scene to gain access into a locked building.																
Project Comments/Reference				Version Comments																
				The current prop has reached it's useful life and it's old design makes it difficult to move locations. Estimated cost for two props is \$20,000.																
Project Forecast				Project Detailed Forecast																
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total						
Year	Total Expense	Net City Cost	Subsidies	Expenses																
2020	0	0	0	5111 Machinery & Equipment -Non TCA																
2021	0	0	0		0	0	0	0	20,000	0	0	0	0	20,000						
2022	0	0	0	Total	0	0	0	0	20,000	0	0	0	0	20,000						
2023	0	0	0	Revenues																
2024	20,000	20,000	0	221 Service Sustainability Investm																
2025	0	0	0		0	0	0	0	20,000	0	0	0	0	20,000						
2026	0	0	0	Total	0	0	0	0	20,000	0	0	0	0	20,000						
2027	0	0	0																	
2028+	0	0	0																	
	20,000	20,000	0																	
Historical Approved Budget				Operating Budget Impact																
Related Projects																				
				Year Identified					Start Date					Project Type for 2020		Project Lead			Est. Completion Date	
2019	July 1, 2024	Growth: 0.0 % Maintenance: 0.0 %		Marty Haidy/Deputy Chief Jamie Waffle					2024											



Project Version Summary

Project #	FRS-002-20	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Command Post Vehicle - Bosch MIC Camera replacement		
Budget Status	Council Approved Budget		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
Mobile Command Post (MCP) is cost shared 50/50 between Windsor Fire & Rescue and Windsor Police Department. The vehicle is highly specialized to provide on scene safety and security for all emergency command staff involved in an emergency situation. The use of the unit varies and can be deployed by either Windsor Fire, Windsor police or jointly. The MCP has been deployed for critical incidents (Police), complex criminal investigations, natural disasters (tornados), multi-agency command and control center for city events, large fires etc.				Mobile Command Post vehicle requires a camera replacement. Current camera is outdated and problematic Pellico video camera that is supported with difficulty by software developer which is creating extended down time when system experiences problems or needs component replacements. The replacement of the old camera is warranted to avoid future extended risk of down time in an event of an emergency. The new camera has many advanced features like the surveillance platform designed to provide early detection in all mission critical applications. It has thermal imaging capabilities, is built for harsh environments, and is most advanced on the market for quality imaging and positioning solutions. The intelligent video analytics on the new camera can trigger an alarm when it detects object in motion even when the camera is moving (eg. this ability will provide intruder less time to "slip by"). Bosch MIC Camera ensures the highest level of security, data transport and encryption. The replacement of the camera would allow for increased reliability, accuracy and delivery of information when responding to uncertain emergency situations.											
Project Comments/Reference				Version Comments											
NEW															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5110	Machinery & Equipment - TCA										
2021	0	0	0		0	0	0	0	0	0	60,000	0	0	60,000	
2022	0	0	0		0	0	0	0	0	0	60,000	0	0	60,000	
2023	0	0	0		0	0	0	0	0	0	60,000	0	0	60,000	
2024	0	0	0		0	0	0	0	0	0	60,000	0	0	60,000	
2025	0	0	0		0	0	0	0	0	0	60,000	0	0	60,000	
2026	60,000	60,000	0		0	0	0	0	0	0	30,000	0	0	30,000	
2027	0	0	0	163	Fire Major Equipment										
2028+	0	0	0	183	Police Fleet										
	60,000	60,000	0		0	0	0	0	0	0	60,000	0	0	60,000	
Historical Approved Budget				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2020	January 31, 2026	Growth: 0.0 % Maintenance: 0.0 %		Brent Paisley/Deputy Chief Andrea DeJong					2026						



Project Version Summary

Project #	FRS-003-13	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	New Fire Headquarters - Station #1		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 3, City Wide		
Version Name	Main (Active)		

Project Description

Fire is recommending the replacement of the existing Station 1/Headquarters facility. The current building was built in 1967 and is in poor condition. The building is in need of substantial repairs which may be very costly and only serve as stopgap measures. The new facility would also house the Fire Prevention division which is currently working out of an aging annex building located to the rear of the current headquarters.

The current headquarters building provides only very limited access to persons with physical disabilities. Accessibility is limited to the first floor Administration area only. The Administrative area of the headquarters building also has inadequate office and storage space. Personnel are forced to share workspace with limited storage capability. A central record keeping area does not exist within the facility, which creates difficulty in ensuring records are kept and maintained according to best practices.

Due to the age of the building, the energy efficiency is virtually non-existent. Both the building construction and outdated mechanicals contribute to the inefficiency of the structure. It is not uncommon for repairs to the air conditioning system to take days.

Version Description

The fire station section of the headquarters building is in extreme disrepair. The building is crumbling around the windows and has experienced numerous problems with the air handling equipment and plumbing. Flooding is experienced during major rain falls. Repairs often take days to complete due to aging equipment and the difficulty in finding parts.

Relative to the current Fire Prevention building, only the front vestibule can accommodate persons with disabilities. The corridors, door widths and offices cannot accommodate a person in a wheel chair. Fire Prevention staff are currently working out of renovated closets with little room for more than a desk and chair. The Fire Prevention annex faces the same challenges with energy efficiency and general disrepair.

A new facility will house Administration, Fire Prevention and Station 1 operations. The new facility will provide an accessible, energy efficient facility that meets the current and future needs of Windsor Fire and Rescue Services.

Project Comments/Reference

A business case is being worked on for this initiative to consider the cost of rehabilitating the current site versus the cost of a new site. The funding allocated in the capital budget is to allow for the purchase of land should there be such a need, understanding a report to Council would be required prior to taking any action.

Version Comments

Funds have been identified as SEED funding toward a new facility or continued repairs/rehabilitation to the existing facility. Fire & Rescue is recommending the replacement funding be put in place.

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	0	0	0
2021	0	0	0
2022	0	0	0
2023	0	0	0
2024	0	0	0
2025	0	0	0
2026	0	0	0
2027	1,500,000	1,500,000	0
2028+	19,000,000	19,000,000	0
	20,500,000	20,500,000	0

Project Detailed Forecast											
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Expenses											
5410	Construction Contracts - TCA										
	0	0	0	0	0	0	0	1,500,000	19,000,000	20,500,000	
Total	0	0	0	0	0	0	0	1,500,000	19,000,000	20,500,000	
Revenues											
169	Pay As You Go - Capital Reserve										
	0	0	0	0	0	0	0	1,500,000	19,000,000	20,500,000	
Total	0	0	0	0	0	0	0	1,500,000	19,000,000	20,500,000	

Historical Approved Budget

Related Projects

Operating Budget Impact		Exp/(Rev)	FTE Impact
Effective Date	Description		
Unknown	An increase/decrease to the annual operating budget may be required upon project completion(ie. utilities, maintenance contracts etc.)	0	0

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2013	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %	Deputy Chief Jamie Waffle/Fire Chief Stephen Laforet	2028+



Project Version Summary

Project #	FRS-003-19	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Renovation and Addition to Fire & Rescue Training Facility		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description
 Fire & Rescue Training division is requesting funding to upgrade and expand current training facility at 2885 Kew Drive to better meet it's operational needs. Training division puts on classes for new firefighter recruits, existing firefighters and other fire staff. Classes include a wide variety of Fire & Rescue specific training (medical, auto x, forcible entry, etc.) Training division also carries out promotional processes such as captain and district chief classes. Teaching tools used today are mainly laptops, audio visual equipment and hands-on props.

The current WFRS training facility does not meet the current training needs of the service and is certainly not capable of absorbing the long term training demand brought on by the recent regulatory changes. In order to provide staff with an appropriate learning environment, the addition of classroom space that supports new learning technologies such as a computer lab, with large screens and smart technology is essential.

Version Description
 One of the main challenges with the facility is space and set-up. There is one small classroom, which is an open and shared space with Apparatus division. The classroom is not configured to support any new learning technologies. The addition of 2 classrooms will accommodate in -service training and can be run concurrently with specific classes such as recruit, officer, and specialty program training. Current Chief trainer's office does not allow for lesson planning and privacy, which the 2nd classroom can facilitate as well. Current washroom location adds to the disturbance of the classroom, and lunchroom is used as meeting space. Furthermore, female washroom is a converted closet and shower facility is currently being fitted in to accommodate a female recruit for training purposes. This will be a Band-Aid type solution. Both washroom needs will be re-assessed and configured into the addition/renovation of the training space within the building.

2885 Kew Drive property is owned by The City of Windsor. An addition is recommended on the land available at the front of the current building. Additional space would establish appropriate classroom size and re-organization of the entire training department to meet today's needs of a teaching classroom.

Project Comments/Reference
 Windsor Fire & Rescue Services (WFRS) 2018 - 2023 Strategic plan identified the need to evaluate and enhance current training practices, facilities and equipment. This project plays a critical role in ability to accomplish this task in order to pursue, achieve and maintain accreditation with the CFAI (Commission on Fire Accreditation International) to better serve our community and to embrace excellence.

Version Comments
 Delay in funding would deepen the strain on resources in Training and Apparatus divisions as well as pro-long the accreditation process with the CFAI.

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	0	0	0
2021	0	0	0
2022	0	0	0
2023	0	0	0
2024	0	0	0
2025	0	0	0
2026	0	0	0
2027	0	0	0
2028+	500,000	500,000	0
	500,000	500,000	0

Project Detailed Forecast										
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses										
5410 Construction Contracts - TCA	0	0	0	0	0	0	0	0	500,000	500,000
Total	0	0	0	0	0	0	0	0	500,000	500,000
Revenues										
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	500,000	500,000
Total	0	0	0	0	0	0	0	0	500,000	500,000

Historical Approved Budget

Related Projects

Operating Budget Impact

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2019	March 1, 2024	Growth: 0.0 % Maintenance: 0.0 %	Deputy Chief Jamie Waffle/Fire Chief Stephen Laforet	2028+



Project Version Summary

Project #	FRS-003-20	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Fire & Rescue Washer Extractor		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 9, Ward 10		
Version Name	Main (Active)		

Project Description				Version Description										
<p>WFRS requires replacement of a Washer Extractor in Stations 5 & 6 that will reach end of useful life (10 years) in 2027. Washer Extractor is a commercial clothes washing machine that can accommodate heavy duty clothing such as bunker gear.</p> <p>Regular cleaning through the utilization of an extractor washer is part of NFPA 1851 – Standard on Selection Care and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting.</p>				<p>WFRS firefighters clean their own gear regularly and often the gear is cleaned after every fire incident response. This can amount to daily use of a washing extractor to clean bunker gear between all firefighters. The bunker gear is the main tool to protect a firefighter against burns, smoke and consequently against diseases caused by the carcinogen exposure.</p> <p>In addition to WFRS's own cleaning and maintenance of the bunker gear, the gear is also sent to a third party professional cleaning service on an annual basis or more often when warranted. This service rates the bunker gear effectiveness and makes repairs required to keep the gear at its optimal protection level. This is also an important step in addressing firefighter health and safety against carcinogenic exposure.</p>										
Project Comments/Reference				Version Comments										
NEW				Firefighters cleaning their own gear internally is a more cost effective option to cleaning and maintenance. Therefore, it is important to secure the replacement of Washer Extractors as its useful life reaches the end.										
Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5111 Machinery & Equipment -Non TCA										
2021	0	0	0		0	0	0	0	0	0	0	0	25,000	25,000
2022	0	0	0		0	0	0	0	0	0	0	0	25,000	25,000
2023	0	0	0		0	0	0	0	0	0	0	0	25,000	25,000
2024	0	0	0		0	0	0	0	0	0	0	0	25,000	25,000
2025	0	0	0		0	0	0	0	0	0	0	0	25,000	25,000
2026	0	0	0		0	0	0	0	0	0	0	0	25,000	25,000
2027	0	0	0		0	0	0	0	0	0	0	0	25,000	25,000
2028+	25,000	25,000	0		0	0	0	0	0	0	0	0	25,000	25,000
	25,000	25,000	0											
Historical Approved Budget				Operating Budget Impact										
Related Projects														
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date					
2020	July 1, 2027	Growth: 0.0 % Maintenance: 0.0 %		Dave Hart/Deputy Chief Jamie Waffle					2028+					



Project Version Summary

Project #	FRS-007-18	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Thermal Imaging Camera - Fire & Rescue Services		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Version Description
A Thermal Imaging Camera or Thermal Imager is a non-contact device that detects infrared energy (heat) and converts it into an electronic signal, which is then processed to produce a thermal image or video on a display screen. The image created is based on the contrast of infrared radiation energy that exists between objects that are of different temperatures. The amount of infrared radiation emitted by an object increases with temperature; as a result, cooler objects appear on the display screen darker than warmer objects. Firefighters use thermal imagers to see through smoke, to find persons, and to locate the base of a fire in environments with or without visible light. Simply put, the thermal imager allows the firefighter to see in the dark making it easier to find trapped persons while at the same time creating a safer environment for the firefighter to work in.	WFRS currently owns 18 Thermal Imagers which are assigned to each fire apparatus as well as the Safety Officer's response vehicle. Thermal imagers are used in hostile environments and are subject to physical conditions which over time can result in damage to the unit despite their robust design. This, along with constantly evolving technology results in the units having to be replaced regularly. At an average cost approaching \$10,000/unit and a life span of 5 years per unit, WFRS is seeking \$50,000 (5 units/year) to begin a regular replacement schedule which would ensure reliable equipment is available on a continuous basis and allow for better control and planning of the replacements.

Project Comments/Reference	Version Comments

Project Forecast	Project Detailed Forecast																																																																																																																											
<table border="1" style="width: 100%;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2023</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2024</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2025</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2026</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2027</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2028+</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td></td><td>200,000</td><td>200,000</td><td>0</td></tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2020	0	0	0	2021	0	0	0	2022	50,000	50,000	0	2023	50,000	50,000	0	2024	0	0	0	2025	0	0	0	2026	0	0	0	2027	0	0	0	2028+	100,000	100,000	0		200,000	200,000	0	<table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="11">Expenses</td> </tr> <tr> <td>5110 Machinery & Equipment - TCA</td> <td>0</td> <td>0</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> <td>200,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> <td>200,000</td> </tr> <tr> <td colspan="11">Revenues</td> </tr> <tr> <td>221 Service Sustainability Investm</td> <td>0</td> <td>0</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> <td>200,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> <td>200,000</td> </tr> </tbody> </table>	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	Expenses											5110 Machinery & Equipment - TCA	0	0	50,000	50,000	0	0	0	0	100,000	200,000	Total	0	0	50,000	50,000	0	0	0	0	100,000	200,000	Revenues											221 Service Sustainability Investm	0	0	50,000	50,000	0	0	0	0	100,000	200,000	Total	0	0	50,000	50,000	0	0	0	0	100,000	200,000
Year			Total Expense	Revenue																																																																																																																								
	Net City Cost	Subsidies																																																																																																																										
2020	0	0	0																																																																																																																									
2021	0	0	0																																																																																																																									
2022	50,000	50,000	0																																																																																																																									
2023	50,000	50,000	0																																																																																																																									
2024	0	0	0																																																																																																																									
2025	0	0	0																																																																																																																									
2026	0	0	0																																																																																																																									
2027	0	0	0																																																																																																																									
2028+	100,000	100,000	0																																																																																																																									
	200,000	200,000	0																																																																																																																									
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total																																																																																																																		
Expenses																																																																																																																												
5110 Machinery & Equipment - TCA	0	0	50,000	50,000	0	0	0	0	100,000	200,000																																																																																																																		
Total	0	0	50,000	50,000	0	0	0	0	100,000	200,000																																																																																																																		
Revenues																																																																																																																												
221 Service Sustainability Investm	0	0	50,000	50,000	0	0	0	0	100,000	200,000																																																																																																																		
Total	0	0	50,000	50,000	0	0	0	0	100,000	200,000																																																																																																																		

Historical Approved Budget	
-----------------------------------	--

Related Projects	Operating Budget Impact

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2018	December 31, 2022	Growth: 0.0 % Maintenance: 0.0 %	Dave Hart/Deputy Chief Jamie Waffle	2023



Project Version Summary

Project #	FRS-001-18	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Support Services
Title	Radio Service Monitor		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
Radio Service Monitor is used to diagnose and repair as well as tune 1,500 corporate radio units across entire City of Windsor operations. This includes departments such as parks, public works, environmental services, police and tunnel services. Radio Service Monitor is also used at radio sites to measure interference, de-sense, site noise levels, and many more diagnostics to prevent service issues and determine course of action when service is compromised.				Current Radio Service Monitor was purchased in 1995 and although it still meets our day to day needs, the 22 year old unit has reached it's useful life and cannot be expected to last indefinitely. When a failure of the unit occurs repairs are more difficult due to unavailability and/or long lead time of parts. As a result, replacement will become the best option in the near future to ensure reliability and to meet new technology in the market today. A placeholder for a replacement is warranted and Fire Communications department is recommending \$45,000 be allocated toward this project.											
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5110	Machinery & Equipment - TCA										
2021	45,000	45,000	0		0	45,000	0	0	0	0	0	0	0	45,000	
2022	0	0	0		<hr/>										
2023	0	0	0	Total	0	45,000	0	0	0	0	0	0	0	45,000	
2024	0	0	0	Revenues											
2025	0	0	0	198	Pay As You Go Corporate Radios Reserve										
2026	0	0	0		0	45,000	0	0	0	0	0	0	0	45,000	
2027	0	0	0		<hr/>										
2028+	0	0	0	Total	0	45,000	0	0	0	0	0	0	0	45,000	
	45,000	45,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2018	March 1, 2021	Growth: 0.0 % Maintenance: 0.0 %		Mike Menard/Deputy Fire Chief Andrea DeJong					2021						



Project Version Summary

Project #	FRS-002-07	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Support Services
Title	Fire & Rescue Computer-aided Dispatch System (CRISYS)		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	2020 Version (Active)		

Project Description				Version Description											
<p>The current Crisys Computer Aided Dispatch (CAD) system was implemented in 2004. This CAD system is one of the major components of the Windsor Fire Communications as it provides speed and accuracy on processing emergency calls for the City of Windsor. Additional important features include vital information for firefighting and rescue operations such as location and the type of hazardous materials, location of physically challenged citizens, location and size of hydrants, special warnings, fire pre-planning information, etc.</p> <p>The City of Windsor also sells this service to other municipalities to be in a position of dispatching other municipalities.</p>				<p>Crisys recommends complete system replacement every 3 years as computer processor manufacturers are typically doubling the speed of these devices every 18 months. In order to ensure the reliability of the supporting equipment, a full replacement of the system, including workstations that can accommodate the upgraded system, was done in 2010. The 2013 & 2016 upgrade involved computer hardware components only, and the manufacturer indicated that approximately \$50,000 will be required every 3-years going forward. Last upgrade was completed in early 2017 therefore, next replacement is due in the year 2020.</p>											
Project Comments/Reference				Version Comments											
(Closed:7101012 / 7131006) / 7161037															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	50,000	50,000	0	5125 Computers - PCs											
2021	0	0	0		50,000	0	0	50,000	0	0	50,000	0	50,000	200,000	
2022	0	0	0	Total	50,000	0	0	50,000	0	0	50,000	0	50,000	200,000	
2023	50,000	50,000	0	Revenues											
2024	0	0	0	170 Pay As You Go - Leasing Reserve											
2025	0	0	0		50,000	0	0	50,000	0	0	50,000	0	50,000	200,000	
2026	50,000	50,000	0	Total	50,000	0	0	50,000	0	0	50,000	0	50,000	200,000	
2027	0	0	0												
2028+	50,000	50,000	0												
	200,000	200,000	0												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2010	180,000	180,000	0												
2013	40,000	40,000	0												
2016	50,000	50,000	0												
Related Projects				Operating Budget Impact											
Precedes	Project Title			Effective Date	Description								Exp/(Rev)	FTE Impact	
ITC-001-12	Fire and Rescue Records Management and Computer Aided Dispatch System Initiatives			Unknown	No operating budget impact.								0	0	
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2007	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %		Mike Menard/Deputy Fire Chief Andrea DeJong					Ongoing - every 3 years						



Project Version Summary

Project #	FRS-002-16	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Support Services
Title	Fire Engine Portable Hoists		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	2016 version (Active)		

Project Description				Version Description										
<p>The Fire Apparatus Division is requesting funding to purchase portable hoists capable of lifting large fire rescue vehicles. Currently the department has a two permanent hoist capable of lifting these vehicles. The purchase of portable hoists would increase the efficiency of the division by affording staff the ability to complete major repairs to vehicles when the two large hoists are occupied, rather than having to wait for one vehicle repair to be finished before another one could begin.</p> <p>In some cases a repair may be completed while working under the vehicle, the technician is required to lie on his back using a creeper which is both less productive and less safe than operating while standing. The use of portable hoists gives us the ability to use our flat bay and the concrete pad outside to perform operations such as power washing the undercarriage and inspections and other emergency repairs without interrupting operations on the other two hoists.</p>				<p>Portable hoists would provide a level of flexibility that currently does not exist within the division. It is expected that the addition of this equipment would increase the overall safety and efficiency of the division and reduce the amount of time vehicles are out of service awaiting repairs.</p> <p>Windsor Fire & Rescue Services is recommending the purchase of four portable hoists in 2021, at an estimated cost of \$20,000 each. This cost would provide some savings in Operating budget when rental of portable hoists is required.</p>										
Project Comments/Reference				Version Comments										
Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	0	0	0	5110 Machinery & Equipment - TCA										
2021	80,000	80,000	0		0	80,000	0	0	0	0	0	0	0	80,000
2022	0	0	0	Total	0	80,000	0	0	0	0	0	0	0	80,000
2023	0	0	0	Revenues										
2024	0	0	0	169 Pay As You Go - Capital Reserve										
2025	0	0	0		0	80,000	0	0	0	0	0	0	0	80,000
2026	0	0	0	Total	0	80,000	0	0	0	0	0	0	0	80,000
2027	0	0	0											
2028+	0	0	0											
	80,000	80,000	0											
Historical Approved Budget				Operating Budget Impact										
Related Projects				Effective Date	Description							Exp/(Rev)	FTE Impact	
				Unknown	No operating budget impact.							0	0	
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date						
2016	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %		Brent Paisley/Deputy Fire Chief Andrea DeJong				2021						



Project Version Summary

Project #	FRS-002-18	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Support Services
Title	Breathing Air-Compressor Replacement		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Quality breathing air maintained to CSA standards is essential for the safety of firefighters. Self-contained breathing apparatus (SCBA) is the primary piece of personal protection equipment (PPE) used for firefighting, allowing firefighters to enter hazardous atmospheres by supplying fresh clean air in a contained system. This piece of equipment is useless without being fully charged with breathing air of the highest standards.

A breathing air compressor filters contaminants, monitors for other gases such as CO and regulates the humidity of outside air before compressing it into the SCBA cylinder. SCBA cylinders are filled to a pressure of 4500 p.s.i, because of this the compressor filling station is designed with a fragmentation compartment to safely contain flying debris should a cylinder rupture during the filling process.

Version Description

The current breathing air compressor was installed new in 1988. With regular maintenance the current compressor has operated well for 30 years with a few substantial repairs. The breathing air cooler and forth stage piston have been replaced several times. The condensate collector cylinder has also been replaced due to age. Assorted other minor repairs including countless panel valve replacements and other mechanical repairs to the fill station have been performed, these repairs are required more frequently as time passes. As repairs are more frequent, operations are affected. This causes the Emergency Service vehicle (ESU) to make a daily run to fill the mass breathing air storage system on the aerial apparatus, taking the ESU out of service during that time.

Project Comments/Reference

Without this breathing air compressor the ability to manage a major conflagration would be deeply compromised. A consistent supply a breathing air is the only way to ensure that firefighting is not interrupted and that WFRS personnel are continually protected during operations. WFRS maintains 2 Breathing air compressors, one mobile and one stationary to ensure redundancy, operational capacity during repair and maintenance periods and to ensure the demand for breathing air is met during large scale or concurrent fires. This project is the replacement of the stationary compressor.

Version Comments

Windsor Fire & Rescue is recommending the replacement be no later than 2022. The availability of reliable breathing air is not only essential to firefighting operations but also to the business stream of the Apparatus Division which repairs and maintains all of the SCBA units for WFRS and some county fire services. Additionally, other City departments that use SCBA such as Windsor Police, the water treatment facilities and Enwin rely on the compressor to ensure their SCBA cylinders are charged with air that meets the CSA breathing air standard.

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	0	0	0
2021	0	0	0
2022	100,000	100,000	0
2023	0	0	0
2024	0	0	0
2025	0	0	0
2026	0	0	0
2027	0	0	0
2028+	0	0	0
	100,000	100,000	0

Project Detailed Forecast											
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Expenses											
5110 Machinery & Equipment - TCA	0	0	100,000	0	0	0	0	0	0	0	100,000
Total	0	0	100,000	0	0	0	0	0	0	0	100,000
Revenues											
221 Service Sustainability Investm	0	0	100,000	0	0	0	0	0	0	0	100,000
Total	0	0	100,000	0	0	0	0	0	0	0	100,000

Historical Approved Budget

Related Projects

Operating Budget Impact

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
------------------------	-------------------	------------------------------	---------------------	-----------------------------

2018	July 1, 2022	Growth: 0.0 % Maintenance: 0.0 %	Brent Paisley/Deputy Fire Chief Andrea DeJong	2022
------	--------------	----------------------------------	---	------



Project Version Summary

Project #	FRS-003-16	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Support Services
Title	Fire Education Materials, Displays & Equipment		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
The Fire Protection and Prevention Act requires all fire services in Ontario to provide fire safety education. Funds allocated are for maintenance and replacement of public education display materials and equipment to support the increasing number of public education-related activities undertaken by the Windsor Fire & Rescue Fire Services' Fire Prevention and Emergency Management Divisions.				Windsor Fire and Rescue Services is aware of the expectation to promote the City of Windsor in a competent and professional manner. To limit materials being utilized for Fire Prevention public education that are over 10 years old, worn, inoperable or unprofessional in appearance, a regular replacement schedule is recommended. Further, the single set of Fire Prevention materials is insufficient to meet the current needs of Windsor Fire & Rescue as there are often two events occurring simultaneously and regular funding can allow for proper planning to adjust to changing needs. Regular replacement and update of displays, materials and equipment reflect the corporate standard and Fire & Rescue's responsibility to educate and prevent emergency incidents. A replacement/update schedule every 5 years is sufficient for ongoing funding of the program.											
Project Comments/Reference				Version Comments											
7161038															
Project Forecast				Project Detailed Forecast											
		<u>Revenue</u>		<u>GL Account</u>		<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	20,000	20,000	0	2360 Promotional Material & Product		20,000	0	0	0	0	20,000	0	0	20,000	60,000
2021	0	0	0	Total		20,000	0	0	0	0	20,000	0	0	20,000	60,000
2022	0	0	0	Revenues											
2023	0	0	0	221 Service Sustainability Investm		20,000	0	0	0	0	20,000	0	0	20,000	60,000
2024	0	0	0	Total		20,000	0	0	0	0	20,000	0	0	20,000	60,000
2025	20,000	20,000	0												
2026	0	0	0												
2027	0	0	0												
2028+	20,000	20,000	0												
	60,000	60,000	0												
Historical Approved Budget															
		<u>Revenue</u>		<u>GL Account</u>		<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2016	20,000	20,000	0	2360 Promotional Material & Product		20,000	0	0	0	0	20,000	0	0	20,000	60,000
				Total		20,000	0	0	0	0	20,000	0	0	20,000	60,000
Related Projects				Operating Budget Impact											
				Effective Date		Description						Exp/(Rev)		FTE Impact	
				Unknown		No operating budget impact.						0		0	
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2016	January 1, 2020	Growth: 0.0 % Maintenance: 100.0 %		John Lee/Deputy Chief Andrea DeJong				Ongoing - every 5 years							



Project Version Summary

Project #	FRS-004-18	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Support Services
Title	Posichek Machine (SCBA tester)		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
A piece of apparatus that allows respirators to be flow tested annually and after repairs as per manufacture specifications and recommendations. The Posichek is approximately 19 years old with life expectancy of 20 years. This machine tests and documents airflows and system pressures, while checking for leaks, restrictions, and activation pressures. The new breathing apparatus with communications between the SCBA's control module and the heads up display in the mask requires testing and documentation of this function, this is performed by this machine. All other functions of the SCBA like alarm setting and activations are inspected and tested and documented also. The Posichek machine undergoes annual certification as required by the manufacturer and NFPA.				All WFRS Emergency Equipment Technicians are certified to repair and maintain SCBA equipment, the Posichek Machine is need by them to complete their tasks. If the machine fails pro-longed service interruptions can be expected, SCBAs would have to be taken out of service or shipped to a factory repair facility like Toronto or Pittsburgh. The shipping time for SCBAs being repaired would dramatically increase the out of service time for the apparatus. Windsor Fire & Rescue Services has a limited quantity of breathing apparatus, a loss of even 2 to 3 units at certain times of the year could cause significant operational issues. Any repair affecting the integrity of the SCBAs requires a full system flow test before the unit can be placed back in-service. These repairs although minor are frequent requiring a flow test on the machine to place these units back in service. A simple O-ring replacement can be done in-house in little more than an hour including testing, this same repair when requiring shipping could take up to a week and incur shipping charges making it a very costly task. It is becoming more difficult to maintain the machine due to outdated circuit boards and software as electronics have changed significantly over the years, just like a computer after three or four upgrades, further advancements will not be advisable.											
Project Comments/Reference				Version Comments											
				Timely replacement of the Posichek machine would avoid a long interruption of repair services for breathing apparatus. A reliable SCBA testing machine designed to test the new generations of SCBAs ensures the continued and uninterrupted supply of certified respirators necessary for firefighting.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	0	0	0	5110 Machinery & Equipment - TCA				25,000	0	0	0	0	0	0	25,000
2021	0	0	0			0	0	25,000	0	0	0	0	0	0	25,000
2022	25,000	25,000	0	Revenues											
2023	0	0	0	221 Service Sustainability Investm											
2024	0	0	0			0	0	25,000	0	0	0	0	0	0	25,000
2025	0	0	0	Total											
2026	0	0	0			0	0	25,000	0	0	0	0	0	0	25,000
2027	0	0	0												
2028+	0	0	0												
	25,000	25,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2018	July 1, 2022	Growth: 0.0 % Maintenance: 0.0 %	Brent Paisley/Deputy Fire Chief Andrea DeJong	2022											



Project Version Summary

Project #	FRS-004-19	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Support Services
Title	WFRS - Next Gen 911 Telecommunications Rehabilitation Program		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards			
Version Name	Main (Active)		

Project Description				Version Description										
Effective communications is the most critical aspect of public safety. This consists of communications with the public, communications with the firefighters, Windsor Fire and Rescue staff and other emergency services. Emergency communications is about to enter a significant and sustained period of transformation which will be legislated in year 2023. This will include a move to Next Generation 911 (NG911) and the implementation of the North American public safety broadband spectrum. Replacement of the aging telephone system at WFRS headquarters will be required in order to accommodate the new technology.				Telecommunication upgrade is a Federal initiative which will become legislated in the Year 2023. Exact funding requirement is unknown but is estimated to be significant, hence it is important to plan for this project funding in order to meet the legislation without major financial impact in one year. As this initiative progresses more details will become available and management will advise and report on any changes or new information that have the potential to affect the cost or operations related to this project.										
Project Comments/Reference				Version Comments										
				This project is in conjunction with Police's capital project POL-004-19. The two projects will be jointly executed and funding from both projects is required. Furthermore, only one project ID will be created in the financial system for cost tracking purposes where all funding will be transferred.										
Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	125,000	125,000	0	5110	Machinery & Equipment - TCA									
2021	225,000	225,000	0		125,000	225,000	0	0	300,000	1,600,000	0	0	200,000	2,450,000
2022	0	0	0	<hr/>										
2023	0	0	0	Total	125,000	225,000	0	0	300,000	1,600,000	0	0	200,000	2,450,000
2024	300,000	300,000	0	Revenues										
2025	1,600,000	1,600,000	0	160	Capital Expenditure Reserve									
2026	0	0	0		18,750	0	0	0	0	0	0	0	0	18,750
2027	0	0	0	169	Pay As You Go - Capital Reserve									
2028+	200,000	200,000	0		0	0	0	0	0	500,000	0	0	0	500,000
	2,450,000	2,450,000	0	221	Service Sustainability Investm									
					106,250	225,000	0	0	300,000	1,100,000	0	0	200,000	1,931,250
				Total	125,000	225,000	0	0	300,000	1,600,000	0	0	200,000	2,450,000
Historical Approved Budget				Operating Budget Impact										
Related Projects														
Year Identified	Start Date	Project Type for 2020	Project Lead				Est. Completion Date							
2019	January 31, 2023	Growth: 15.0 % Maintenance: 85.0 %	Mike Menard/Deputy Fire Chief A. DeJong				2028							



Project Version Summary

Project #	FRS-005-18	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Support Services
Title	Shop Air-Compressor		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
The Fire & Rescue Apparatus Division provides maintenance and repair services to its entire fleet and to all of its small equipment including breathing apparatus and auto extrication tools. The maintenance of the equipment becomes increasingly more reliant on air powered tools. A consistent supply of compressed air is required to operate these tools in the process of inspections and repairs. The functions these tools provide cannot be practically done in any other matter as manually operated or electric tools cannot provide the torque that air tools deliver.				The Shop Air-Compressor is approximately 17 years old with life expectancy of 20 years. This equipment is essential in daily operations of any shop today. It is used to power all air tools like air impact guns, air chisels, shop fluid dispensing system and an assortment of smaller tools essential to the operation of the Apparatus Division. The shop air is even necessary to operate the large truck hoist.											
Project Comments/Reference				Version Comments											
				Timely replacement of the Shop air compressor allows for the continuing operation of the apparatus division. All mechanical equipment has a finite lifespan. Extending this unit passed 20 years is not recommended as cost involved for unplanned interruption in service is not economical. New screw compressors are a quieter running unit much closer to the 80 dB range as required by the city standard and much more efficient than the old piston style which is currently in service.											
Project Forecast				Project Detailed Forecast											
		<u>Revenue</u>		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	0	0	0	5110 Machinery & Equipment - TCA		0	0	0	0	25,000	0	0	0	0	25,000
2021	0	0	0	Total		0	0	0	0	25,000	0	0	0	0	25,000
2022	0	0	0	Revenues											
2023	0	0	0	221 Service Sustainability Investm		0	0	0	0	25,000	0	0	0	0	25,000
2024	25,000	25,000	0	Total		0	0	0	0	25,000	0	0	0	0	25,000
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	0	0	0												
	25,000	25,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead						Est. Completion Date					
2018	July 1, 2024	Growth: 0.0 % Maintenance: 0.0 %		Brent Paisley/Deputy Fire Chief Andrea DeJong						2024					



Project Version Summary

Project #	FRS-006-18	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Support Services
Title	Hoist Replacement		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
Fire & Rescue Apparatus Division is requesting funding to replace heavy hydraulic hoist capable of lifting large fire vehicles. Currently, Apparatus division operates with two heavy hydraulic hoists one of which allows for lifting capacity of 80,000 lbs. The second hoist, requiring replacement, is a smaller hoist that has total lifting capacity of 50,000 lbs. This one was originally installed in 1974 and is past its useful life. This smaller hoist is normally used for fire truck vehicles such as pumpers and rescue's but also for special operation vehicles such as hazmat and command units.				The maintenance of this hoist has become extensive and is reaching the point of being non-serviceable due to cylinder scoring and pitting. Rusting of certain panels has made it necessary to cut them out to allow the hoists post to move up and down. Parts are not readily available or have been discontinued requiring fabrication and extra costs to repair. This is creating gaps in service when the hoist is down until parts are found or made. The current aging hoist is no longer compatible with the fleet; the head section which makes contact with the underside of the vehicle is not adjustable making the safe lifting of some of WFRS' units impossible. The new hoist today has many added functionalities. For example, a new hoist has multi safety locking elevations creating a more ergonomic friendly position for the mechanic, while the old hoist has one safety lock at its fully extended position.											
Project Comments/Reference				Version Comments											
				Timely replacement of the hoist would facilitate safer and quicker lifting of our units for maintenance and inspection. As stated earlier, this hoist is very quickly becoming unserviceable.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5110 Machinery & Equipment - TCA											
2021	0	0	0	0	0	0	0	0	0	0	0	0	250,000	250,000	
2022	0	0	0	Total	0	0	0	0	0	0	0	0	250,000	250,000	
2023	0	0	0	Revenues											
2024	0	0	0	169 Pay As You Go - Capital Reserve											
2025	0	0	0	0	0	0	0	0	0	0	0	0	250,000	250,000	
2026	0	0	0	Total	0	0	0	0	0	0	0	0	250,000	250,000	
2027	0	0	0												
2028+	250,000	250,000	0												
	250,000	250,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2018	July 1, 2024	Growth: 0.0 % Maintenance: 0.0 %		Brent Paisley/Deputy Fire Chief Andrea DeJong					2028+						



Project Version Summary

Project #	FRS-008-18	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Support Services
Title	WFRS - Development of the Strategic Plan and Accreditation Process		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards			
Version Name	Main (Active)		

Project Description

WFRS is seeking one time funding for the implementation of a 2018-2023 5-year strategic plan completed by the Center for Public Safety Excellence (CPSE) as per CR3/2018, Report 238/2017 in the amount of \$30,000, which was funded by a pre-commitment to 2022. CPSE is an accreditation body for the North American Fire Service.

Accreditation is an all-hazard, quality improvement model based on risk analysis and self-assessment that promotes the establishment of community-adopted performance targets for fire and emergency service agencies.

The process involves a self-assessment and peer review that culminates in a presentation to the CPSE panel that awards accreditation. All business streams and services provided by a fire service are reviewed by CPSE. An accredited department is deemed to be one that is well managed and operates in accordance to the best practices of the fire service based on the communities' own identity and promotes a constant state of continuous improvement.

The accreditation process corresponds with the statistical research requirements of MBN Canada; the documentation and procedural requirements of Price Waterhouse Cooper audits, and the provincial legislation of fire response reporting requirements that came into effect on July 1, 2019, all of which Windsor Fire participates actively in.

Version Description

As a high level summary of the strategic plan, the following are findings and steps towards completing the 2018-2023 Strategic Plan: Through participation of Community (external) and Department (internal) stakeholders, strategic planning sessions provided an opportunity to unify management, employees and stakeholders to a common understanding of where organization is going, how everyone involved can work for the common purpose and how progress will measure success.

Strategic Initiatives were developed as a foundation for the development of goals and objectives. 8 initiatives are:

1. Internal Communications
2. External Communications
3. Training
4. Technology
5. Workforce Planning
6. Fire and Rescue Service Delivery
7. Health and Safety
8. Accreditation

Accreditation of the department will be achieved when all initiatives are addressed and department undergoes the presentation to the CPSE panel hearing. While some initiatives are under way, via capital project 7183016 Records Management System (RMS), which addresses Technology, a significant resource of staff and time is required to complete all needed initiatives. It is planned to have two existing WFRS staff members trained and involved in data gathering process on a part time basis. Details of the process and costs identified are estimated in the attachment provided.

Project Comments/Reference

See Document Attached
7181005

Version Comments

PRE-COMMITMENT:
As per CR3/2018, Report C 238/2017 , Council approved a pre-commitment of \$30,000 in 2022. *This commitment is now available for use in 2020 F121 as per the 2020 Capital Budget.

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	335,970	335,970	0
2021	37,330	37,330	0
2022	0	0	0
2023	0	0	0
2024	0	0	0
2025	0	0	0
2026	0	0	0
2027	0	0	0
2028+	0	0	0
	373,300	373,300	0

Project Detailed Forecast		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
GL Account											
Expenses											
2915	Consulting Services - External										
		335,970	37,330	0	0	0	0	0	0	0	373,300
	Total	335,970	37,330	0	0	0	0	0	0	0	373,300
Revenues											
121	Dev Chg - General										
		335,970	0	0	0	0	0	0	0	0	335,970
139	Budget Stabilization Reserve										
		0	37,330	0	0	0	0	0	0	0	37,330
169	Pay As You Go - Capital Reserve										
		0	0	0	0	0	0	0	0	0	0
	Total	335,970	37,330	0	0	0	0	0	0	0	373,300

Historical Approved Budget

Related Projects			Operating Budget Impact										
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date									
2018	February 1, 2018	Growth: 100.0 % Maintenance: 0.0 %	Deputy Fire Chief Andrea DeJong/Fire Chief Stephen Laforet	2022									
					<table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>2022-01-01</td> <td>CPSE Accreditation Process</td> <td>2,600</td> <td>0</td> </tr> </tbody> </table>	Effective Date	Description	Exp/(Rev)	FTE Impact	2022-01-01	CPSE Accreditation Process	2,600	0
Effective Date	Description	Exp/(Rev)	FTE Impact										
2022-01-01	CPSE Accreditation Process	2,600	0										

Financial Matters: Council resolution CR3/2018 (Report C238/2017) approved funding of \$30,000 to engage Centre for the Public Safety Excellence (CPSE) in development of a WFRS custom community driven 2018-2023 Strategic Plan. Strategic Plan was completed in June of 2018 and identified steps required to ultimately achieve the accreditation status.

WFRS is currently a registered agency with the CPSE, this allows us to gain access to accreditation publications, online platform and web-based trainings. At this first stage we start gathering data and documents moving towards becoming an applicant agency. For this, dedicated internal staff resources are required. It is planned to have two existing WFRS staff members trained and involved in data gathering process on a part time basis. The expenses of labour, travel and accreditation fees are estimated in the table below. As WFRS operates with significant overtime budgets, the staff available for work required under regular pay is unlikely and will come at additional cost in backfilling.

WFRS Accreditation Process Implementation	Amount
Estimated staffing cost (2 staff for two years)	310,000
Applicant Agency fee (1 st year annual fee included)	13,000
Travel and Conference expenses	7,500
Peer Review fee	7,800
Contingency	5,000
Total cost of the accreditation process	343,300
WFRS Accreditation ongoing annual fee	
Operating CPSE fee (\$2,600/yr) x 4 years	10,400

Once data is gathered WFRS would apply to become an “Applicant agency”. As an Applicant Agency, WFRS would then receive our own online site and be assigned a mentor to provide guidance in addressing all things learned from the self assessment through data gathering. This second stage of work would involve disbursing tasks to individual Fire & Rescue departments and address issues found. The time expected for completion is another 2 to 3 years. This stage of work is planned to be absorbed among regular duties of the department’s staff not requiring extra operating dollars. Total time estimated for WFRS to achieve accredited status is 4 to 5 years.

Timing for the funding required is as follows:

Year 1 - 2020: staffing, travel, & contingency	\$159,500
Year 2 - 2021: staffing, travel, CPSE annual fee (1/5 th), & contingency	<u>\$183,800</u>
btotal:	43,300
Years 3-6: annual CPSE fee (4 years, 1 st is included in Accreditation fee)	\$ 10,400

At year 2, CPSE annual fee cost begins when WFRS becomes an “applicant agency”. The cost is \$13,000 broken down in 5 annual payments of \$2,600 per year. Year 3 amount will be requested through regular Operating budget process when the timing becomes certain for the need of funds. An annual membership fee with the agency is required in order to remain current with the standards as they are established and continue to implement best practices.

Fire Management Team is recommending that one-time funding of \$343,300 (\$159,500 in Year 1 and \$183,800 in year 2) be approved from the Budget Stabilization Reserve (F139). This will allow for establishment of a continuous timeline to gather data and perform self assessment while continuing with the momentum that both internal and external stakeholders have established through 2018-2023 Strategic Plan development. WFRS is ready and prepared to work towards meeting the predetermined standards and qualifications identified as best practices among its peers as well as provide a level of service quality that is measurable and agrees with the expectations of its stakeholders.



Project Version Summary

Project # ENG-041-17 **Service Area** Office of the City Solicitor
Budget Year 2020 **Department** Legal
Asset Type Unassigned **Division** Legal Services & Real Estate

Title Enwin Substations Acquisition (Avon/Mark Parks)
Budget Status Council Approved Budget
Major Category Corporate Property Infrastructure
Wards Ward 1
Version Name Main (Active)

Project Description			Version Description													
As per the approved 2017 enhanced Capital Budget 5-year plan and formally approved via CR140/2018 - In-Camera.																
Project Comments/Reference			Version Comments													
7184004			PRE-COMMITMENT: CR140/2018, In-camera report approved a pre-commitment of \$150,000 in 2021.													
Project Forecast			Project Detailed Forecast													
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses												
2020	0	0	0	5410 Construction Contracts - TCA												
2021	150,000	150,000	0			0	150,000	0	0	0	0	0	0	0	0	150,000
2022	0	0	0													
2023	0	0	0													
2024	0	0	0													
2025	0	0	0													
2026	0	0	0													
2027	0	0	0													
2028+	0	0	0													
	150,000	150,000	0													
Historical Approved Budget																
Related Projects			Operating Budget Impact													
Year Identified	Start Date	Project Type for 2020	Project Lead				Est. Completion Date									
2017	January 23, 2017	Growth: 0.0 % Maintenance: 0.0 %	Shelby Askin-Hagar				TBD									



Project Version Summary

Project #	LGL-001-17	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Legal
Asset Type	Unassigned	Division	Legal Services & Real Estate
Title	Former Marlborough Community Centre		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	Ward 2		
Version Name	Main (Active)		

Project Description				Version Description											
The building at 3557 Melbourne is the former Marlborough Community Centre, which was constructed in 1968. It is attached to Marlborough School. The GECD SB leased the building from September 1, 2002 – August 31, 2007. The building has been vacant since September 1, 2007. The WECD SB has expressed no interest in acquiring the property, and the City has identified no current municipal use. It is recommended that the building be demolished as there are limited operating funds to maintain the building. The building is not in move in condition. In the event that the building was to be occupied again, a building condition analysis would have to be prepared in order to determine what repairs would be necessary.				The Real Estate Division will be preparing a report for Council's consideration recommending the demolition of the former Marlborough Community Centre. An estimated demolition cost of \$60,000 is being sought as a placeholder until such report is presented to Council.											
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	0	0	0		0	0	60,000	0	0	0	0	0	0	60,000	
2022	60,000	60,000	0	Total	0	0	60,000	0	0	0	0	0	0	60,000	
2023	0	0	0	Revenues											
2024	0	0	0	221 Service Sustainability Investm											
2025	0	0	0		0	0	60,000	0	0	0	0	0	0	60,000	
2026	0	0	0	Total	0	0	60,000	0	0	0	0	0	0	60,000	
2027	0	0	0												
2028+	0	0	0												
	60,000	60,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects				Effective Date	Description							Exp/(Rev)	FTE Impact		
				Unknown	No Operating Budget Impact							0	0		
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2017	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %	Frank Scarfone	December 31, 2022											



Project Version Summary

Project #	LGL-002-16	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Legal
Asset Type	Unassigned	Division	Legal Services & Real Estate
Title	Environmentally Significant Lands Acquisition Placeholder		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description				Version Description											
In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration.															
Project Comments/Reference				Version Comments											
7182016				PRE-COMMITMENT: As per CR475/2018, Council pre-committed the placeholder of \$1.5m in 2020.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	1,500,000	1,500,000	0	5210	Land Acquisition										
2021	0	0	0												
2022	0	0	0												
2023	0	0	0												
2024	0	0	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028+	0	0	0												
	1,500,000	1,500,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2016		Growth: 100.0 % Maintenance: 0.0 %		Frank Scarfone					Unknown						



Project Version Summary

Project #	LGL-002-17	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Legal
Asset Type	Unassigned	Division	Legal Services & Real Estate
Title	Demolition of Transitional Buildings		
Budget Status	Council Approved Budget		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	2017 (Active)		

Project Description				Version Description											
Part of the Transitional Buildings portfolio includes properties that have been vested to the City that had not sold at the various property tax sales. Some of these properties are unfit to occupy or in such a poor state that the cost to repair would exceed the market value of the property as improved.				The Real Estate Division will be bringing forward reports for the demolition of various transitional properties currently under the Transitional Buildings portfolio. These include properties that were vested to the City prior to 2017 that need to be demolished. A placeholder of \$100,000 per year for 2026, 2027 are being requested. Administration may propose to fund the demolition costs from the eventual sale of those properties.											
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	0	0	0		0	0	0	0	100,000	100,000	0	0	200,000	400,000	
2022	0	0	0		Total										
2023	0	0	0		0	0	0	0	100,000	100,000	0	0	200,000	400,000	
2024	100,000	100,000	0	Revenues											
2025	100,000	100,000	0	221	Service Sustainability Investm										
2026	0	0	0		0	0	0	0	100,000	100,000	0	0	200,000	400,000	
2027	0	0	0		Total										
2028+	200,000	200,000	0		0	0	0	0	100,000	100,000	0	0	200,000	400,000	
	400,000	400,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects				Effective Date	Description							Exp/(Rev)	FTE Impact		
				Unknown	No Operating Budget Impact						0	0			
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2017	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %	Frank Scarfone	December 31, 2024											



Project Version Summary

Project #	LGL-003-17	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Legal
Asset Type	Unassigned	Division	Legal Services & Real Estate
Title	Confidential Property Related Matters - In-Camera Items		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description				Version Description											
There are four In-camera items to be addressed: 1. \$1,500,000 - Report dated April 25, 2016, CR283/2016 (2020 - \$1m and 2021 - \$500k) 2. \$3,000,000 - Report dated April 25, 2016 CR283/2016 (2018 - \$1m B72/2018 / and 2020 - \$2m). 3. \$850,000 - Report dated February 22, 2016*, CR99/2016 (2020) 4. \$200,000 - (2019 - \$100k and 2020 - \$100k)* reallocated to project 7995537 per CR308/2019 - C 117/2019.															
Project Comments/Reference				Version Comments											
7995537 - \$850K pre-commitment in 2020 7181020 - \$1.0m in 2018 and \$2.0m in 2020 7182013 - \$1.0m in 2020 and \$500k in 2021 7995537 - \$100k in 2019 and \$100k in 2020				PRE-COMMITMENT: Amounts in 2019 (\$100,000), in 2020 (\$850,000, \$2,000,000, \$1,000,000 and \$100,000) and in 2021 (\$500,000).											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	3,950,000	3,950,000	0	2920 Legal Services											
2021	500,000	500,000	0			3,950,000	500,000	0	0	0	0	0	0	0	4,450,000
2022	0	0	0	Total		3,950,000	500,000	0	0	0	0	0	0	0	4,450,000
2023	0	0	0	Revenues											
2024	0	0	0	169 Pay As You Go - Capital Reserve											
2025	0	0	0			3,950,000	500,000	0	0	0	0	0	0	0	4,450,000
2026	0	0	0	Total		3,950,000	500,000	0	0	0	0	0	0	0	4,450,000
2027	0	0	0												
2028+	0	0	0												
	4,450,000	4,450,000	0												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2018	1,000,000	1,000,000	0												
2019	100,000	100,000	0												
Related Projects				Operating Budget Impact											
				Effective Date		Description								Exp/(Rev)	FTE Impact
				Unknown		No Operating Budget Impact								0	0
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2017	January 1, 2017	Growth: 100.0 % Maintenance: 0.0 %		Frank Scarfone					December 31, 2021						



Project Version Summary

Project #	PBG-003-18	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Administration - Planning & Building
Title	Annexed Lands Growth/Development - Stormwater Financing Study		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description				Version Description											
Work/studies surrounding the growth and development of the annexed lands along with a study on the storm water levy review.				<ul style="list-style-type: none"> -Immediate review of Development Charges for the East Pelton area -Growth Management study to explore land use and development of the annexed lands -Related studies for infrastructure and transportation needs - Further Dev. Chg. review of the current charges once all studies are complete in order for development of future charges/funding models related to the annexed lands 											
Project Comments/Reference				Version Comments											
7181013				PRE-COMMITMENT: CR356/2018, Report C 96/2018 approved a pre-commitment of \$300,000 in 2022.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	0	0	0		0	0	670,000	0	0	0	0	0	0	670,000	
2022	670,000	670,000	0	Total	0	0	670,000	0	0	0	0	0	0	670,000	
2023	0	0	0	Revenues											
2024	0	0	0	169 Pay As You Go - Capital Reserve											
2025	0	0	0		0	0	670,000	0	0	0	0	0	0	670,000	
2026	0	0	0	Total	0	0	670,000	0	0	0	0	0	0	670,000	
2027	0	0	0												
2028+	0	0	0												
	670,000	670,000	0												
Historical Approved Budget															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2018	150,000	150,000	0												
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2018	May 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Thom Hunt	TBD											



Project Version Summary

Project #	PBG-001-18	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Policy & Design
Title	Official Plan Review		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description												
Funding will be required to conduct the next review of the city's Official Plan. The review is a requirement of the Ontario Planning Act and provides the opportunity for a comprehensive updating of the plans policies and schedules. The review is prescribed to ensure consistency with the Provincial Policy Statement and to also recognize local economic conditions and land use requirements.				Official Plan Review												
Project Comments/Reference				Version Comments												
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total		
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2020	0	0	0	2950	Other Prof Services-External											
2021	0	0	0		0	0	0	0	0	0	0	0	800,000	800,000		
2022	0	0	0		0	0	0	0	0	0	0	0	800,000	800,000		
2023	0	0	0		0	0	0	0	0	0	0	0	800,000	800,000		
2024	0	0	0		0	0	0	0	0	0	0	0	800,000	800,000		
2025	0	0	0		0	0	0	0	0	0	0	0	800,000	800,000		
2026	0	0	0		0	0	0	0	0	0	0	0	800,000	800,000		
2027	0	0	0		0	0	0	0	0	0	0	0	800,000	800,000		
2028+	800,000	800,000	0		0	0	0	0	0	0	0	0	800,000	800,000		
	800,000	800,000	0													
Historical Approved Budget				Operating Budget Impact												
Related Projects																
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date							
2018	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %		Michael Cooke					2024+							



Project Version Summary

Project #	PBG-002-14	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Policy & Design
Title	Served Employment Lands/Shovel Ready Sites Program		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description				Version Description											
Cost of preparing a reference plan for an area identified on airport lands and required studies under the Provincial Investment Ready: Certified Sites Program. The Program is a province-wide investment attraction program, the purpose of which is to promote an inventory of sites that meet a set of minimum requirements. 50% of the costs associated with preparing the required material are eligible for reimbursement from the Province up to a maximum of \$25,000. The Airport has agreed to fund 50% of the cost from the Commercial Feasibility capital project id 7091022) subject to the Airport's Board approval.				In the event that the City adds the area east of the Cargo Hub as a second certified site, enlarges the current proposed certified site west of the Cargo Hub or adds the area along County Rd. 42 , then more funds would be required. It is estimated that an additional \$50,000 would be adequate.											
Project Comments/Reference				Version Comments											
7151019				Project remains ongoing with estimated completion date in 2023.											
Project Forecast				Project Detailed Forecast											
		<u>Revenue</u>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>	
2020	0	0	0	Expenses											
2021	50,000	50,000	0	2916	INTERNAL Services- non-salary										
2022	0	0	0		0	50,000	0	0	0	0	0	0	0	50,000	
2023	0	0	0	Total	0	50,000	0	0	0	0	0	0	0	50,000	
2024	0	0	0	Revenues											
2025	0	0	0	169	Pay As You Go - Capital Reserve										
2026	0	0	0		0	50,000	0	0	0	0	0	0	0	50,000	
2027	0	0	0	Total	0	50,000	0	0	0	0	0	0	0	50,000	
2028+	0	0	0												
	50,000	50,000	0												
Historical Approved Budget															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2015	50,000	0	50,000												
Related Projects				Operating Budget Impact											
				<u>Effective Date</u>	<u>Description</u>								<u>Exp/(Rev)</u>	<u>FTE Impact</u>	
				Unknown	No Operating Budget Impact								0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2014	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Greg Atkinson	2021											



Project Version Summary

Project #	PBG-002-18	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Policy & Design
Title	Comprehensive Zoning B-Law		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
The Official Plan provides guidance for the physical development of the City of Windsor over a 20-year period. The policies of the plan are intended to ensure that efficient land use and development patterns support sustainability by promoting strong, liveable, healthy and resilient communities, protecting the environment and public health and safety, and facilitating economic growth. Under the provisions of the Planning Act, official plans are required to be reviewed at least once every ten years. This review ensures the plan remains relevant to the changing circumstances within Windsor and to current provincial legislation and policy. It is proposed that this review will be consultant led.				Comprehensive Zoning By-Law											
Project Comments/Reference				Version Comments											
7092002															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	2950 Other Prof Services-External											
2021	0	0	0			0	0	250,000	0	0	0	0	0	450,000	700,000
2022	250,000	250,000	0	Total		0	0	250,000	0	0	0	0	0	450,000	700,000
2023	0	0	0	Revenues											
2024	0	0	0	169 Pay As You Go - Capital Reserve											
2025	0	0	0			0	0	250,000	0	0	0	0	0	450,000	700,000
2026	0	0	0	Total		0	0	250,000	0	0	0	0	0	450,000	700,000
2027	0	0	0												
2028+	450,000	450,000	0												
	700,000	700,000	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2018	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Neil Robertson					Ongoing						



Project Version Summary

Project #	PLN-007-07	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Policy & Design
Title	Growth Management Plan Review and Implementation		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description										
In accordance with the Environmental Master Plan , Corporate Climate Action Plan and the Windsor Community Energy Plan , City Planning staff will lead a multi-departmental/agency process to produce this plan integrating land use, services, active transportation and open space. The plan will include strategies to increase sustainability by facilitating developments with a high environmental benefit with examples that include reducing the negative effects of climate change				2019: Commenced review of opportunities for improvement to quality of life and environmental sustainability (consultant hired to identify best practices and conduct needed research including public surveys - \$100,000 2026+: Develop policy and implement recommendations from consultant's research and report - \$100,000										
Project Comments/Reference				Version Comments										
7191013														
Project Forecast				Project Detailed Forecast										
		<u>Revenue</u>												
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>
2020	0	0	0	Expenses										
2021	0	0	0	5410	Construction Contracts - TCA									
2022	0	0	0		0	0	0	0	0	0	0	0	100,000	100,000
2023	0	0	0	Total	0	0	0	0	0	0	0	0	100,000	100,000
2024	0	0	0	Revenues										
2025	0	0	0	169	Pay As You Go - Capital Reserve									
2026	0	0	0		0	0	0	0	0	0	0	0	100,000	100,000
2027	0	0	0	Total	0	0	0	0	0	0	0	0	100,000	100,000
2028+	100,000	100,000	0											
	100,000	100,000	0											
Historical Approved Budget														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>											
2019	100,000	100,000	0											
Related Projects				Operating Budget Impact										
				<u>Effective Date</u>	<u>Description</u>							<u>Exp/(Rev)</u>	<u>FTE Impact</u>	
				Unknown	No Operating Budget Impact							0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead			Est. Completion Date								
2007	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Michael Cooke			2024+								



Project Version Summary

Project #	PLN-008-07	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Policy & Design
Title	"Green Windsor" Protection and Funding Strategy		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
As part of implementing the Green Windsor strategy of the Environmental Master Plan and Official Plan, City Planning staff will develop with regional partners a strategy to assemble green system components. The project will focus on the creation of a connected linear park system in adherence with the 2016 Parks Master Plan to meet rising public demand for healthy recreational opportunities while offering the added benefit of increasing property assessment values.. Further more, these linear parks can incorporate new storm water management facilities and active transportation opportunities that together may reduce the negative impacts of climate change and also help to alleviate basement flooding. Cost sharing with regional partners will be required.				As part of implementing the Green Windsor strategy of the Environmental Master Plan and Official Plan, City Planning staff will develop with regional partners a strategy to assemble green system components. The project will focus on the creation of a connected linear park system in adherence with the 2016 Parks Master Plan to meet rising public demand for healthy recreational opportunities while offering the added benefit of increasing property assessment values. Furthermore, these linear parks can incorporate new storm water management facilities and active transportation opportunities that together may reduce the negative impacts of climate change and also help to alleviate basement flooding. Cost sharing with regional partners and senior levels of government will be utilized. Project is being deferred until 2019+.											
Project Comments/Reference				Version Comments											
7191014															
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA		0	0	0	0	0	0	100,000	0	0	100,000
2021	0	0	0			0	0	0	0	0	0	100,000	0	0	100,000
2022	0	0	0			0	0	0	0	0	0	100,000	0	0	100,000
2023	0	0	0			0	0	0	0	0	0	100,000	0	0	100,000
2024	0	0	0			0	0	0	0	0	0	100,000	0	0	100,000
2025	0	0	0			0	0	0	0	0	0	100,000	0	0	100,000
2026	100,000	100,000	0	Revenues		0	0	0	0	0	0	100,000	0	0	100,000
2027	0	0	0	169 Pay As You Go - Capital Reserve		0	0	0	0	0	0	100,000	0	0	100,000
2028+	0	0	0			0	0	0	0	0	0	100,000	0	0	100,000
	100,000	100,000	0												
Historical Approved Budget															
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies												
2019	80,000	80,000	0												
Related Projects				Operating Budget Impact											
				Effective Date		Description						Exp/(Rev)		FTE Impact	
				Unknown		No Operating Budget Impact						0		0	
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date							
2007	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Michael Cooke				2019 and Beyond							



Project Version Summary

Project #	PLN-010-07	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Policy & Design
Title	Heritage Preservation Study and Identification of Incentives		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description																	
Planning staff will work with a consultant in the preparation of a study that analyzes best practices/opportunities/implications and recommends how the City can best assist the owners of properties designated under the Ontario Heritage Act to preserve them, followed by a forecast for funding any incentives approved by City Council. The study will also evaluate options regarding the reuse of vacant and/or underutilized heritage properties'				2021: Recommend implementation of incentives to support tax rebates for heritage properties.																	
Project Comments/Reference				Version Comments																	
7141014				The Walkerville area contains approximately 37% of all properties on the Windsor Municipal Heritage Register. City Council has approved in principle the commencement of the Walkerville heritage study. It is important to maintain the 2021 forecast of \$435,000 for this project as it will be required to support the findings and strategies that will come with the completion of the heritage study in 2020.																	
Project Forecast				Project Detailed Forecast																	
		Revenue																			
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>							
2020	0	0	0	Expenses																	
2021	435,000	435,000	0	2950 Other Prof Services-External																	
2022	0	0	0	0 435,000 0 0 0 0 0 0 0 0 0 0 0 435,000																	
2023	0	0	0	Total 0 435,000 0 0 0 0 0 0 0 0 0 0 0 435,000																	
2024	0	0	0	Revenues																	
2025	0	0	0	169 Pay As You Go - Capital Reserve																	
2026	0	0	0	0 435,000 0 0 0 0 0 0 0 0 0 0 0 435,000																	
2027	0	0	0	Total 0 435,000 0 0 0 0 0 0 0 0 0 0 0 435,000																	
2028+	0	0	0																		
	435,000	435,000	0																		
Historical Approved Budget																					
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>																		
2014	50,000	0	50,000																		
Related Projects				Operating Budget Impact																	
				Effective Date Description Exp/(Rev) FTE Impact																	
				Unknown No Operating Budget Impact 0 0																	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date																	
2007	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %	Michael Cooke	2021																	



Project Version Summary

Project #	PLN-017-07	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Policy & Design
Title	Business Improvement Area Assistance Program		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description												
The City's traditional annual budget allocation for the 9 BIAs has been for cost-sharing ad-hoc beautification initiatives. Disbursements from this project now are mainly for new Capital Asset requests from BIAs. This project also supports annual programs previously approved by Council.				To ensure support of local development in all 9 BIA's. The Windsor Building Facade Improvement Program and Urban Design Guidelines CIP for Main Streets was approved by Council on January 8, 2018. Financial incentives are provided in the form of a matching grant to encourage private sector investments in building facades.												
Project Comments/Reference				Version Comments												
7069002				Community Improvement Plans have been prepared for a facade improvement program and are also expected to use the existing allocated portion of budgeted funds. The approved applications to date amount to \$48,664. New applications continue to be submitted. Considerable uptake is anticipated and so it is recommended that the 2020 placeholder of \$150,000 be allocated to the façade improvement program.												
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2020	150,000	150,000	0	2950 Other Prof Services-External												
2021	0	0	0			150,000	0	0	0	0	0	0	0	0	150,000	
2022	0	0	0	Total		150,000	0	0	0	0	0	0	0	0	150,000	
2023	0	0	0	Revenues												
2024	0	0	0	169 Pay As You Go - Capital Reserve												
2025	0	0	0			150,000	0	0	0	0	0	0	0	0	150,000	
2026	0	0	0	Total		150,000	0	0	0	0	0	0	0	0	150,000	
2027	0	0	0													
2028+	0	0	0													
	150,000	150,000	0													
Historical Approved Budget																
		Revenue														
Year	Total Expense	Net City Cost	Subsidies													
2007	175,000	175,000	0													
2008	100,000	100,000	0													
2009	150,000	150,000	0													
2010	150,000	150,000	0													
2011	200,000	200,000	0													
2014	100,000	100,000	0													
2018	150,000	150,000	0													
Related Projects				Operating Budget Impact												
				Effective Date		Description								Exp/(Rev)		FTE Impact
				Unknown		No Operating Budget Impact								0		0
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date							
2007	January 1, 2018	Growth: 100.0 % Maintenance: 0.0 %		Michael Cooke/Neil Robertson					Ongoing							



Project Version Summary

Project #	OPS-001-18	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Transportation Planning
Title	School Neighbourhood Policy		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
The cost to implement the School Neighbourhood Policy varies on a location basis. Locations requiring school zone signage with controllable flashing signs are estimated to cost approximately \$15,000 per street location. Other standard signage is less costly to install and maintain.				In October of 2016, Council adopted the School Neighbourhood Policy, CR645/2016. Based on a high-level estimate, bringing all of the school locations into compliance with the policy will cost approximately \$1.8 million. Implementation of policy recommendations at existing locations will be undertaken on a priority basis as funding and resources allow.											
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5475 Non-Tendered Construction Cost											
2021	0	0	0		0	0	150,000	150,000	40,000	50,000	50,000	50,000	307,800	797,800	
2022	150,000	150,000	0	Total	0	0	150,000	150,000	40,000	50,000	50,000	50,000	307,800	797,800	
2023	150,000	150,000	0	Revenues											
2024	40,000	40,000	0	169 Pay As You Go - Capital Reserve											
2025	50,000	50,000	0		0	0	150,000	150,000	40,000	50,000	50,000	50,000	307,800	797,800	
2026	50,000	50,000	0	Total	0	0	150,000	150,000	40,000	50,000	50,000	50,000	307,800	797,800	
2027	50,000	50,000	0												
2028+	307,800	307,800	0												
	797,800	797,800	0												
Historical Approved Budget				Operating Budget Impact											
Related Projects				Effective Date	Description									Exp/(Rev)	FTE Impact
				Unknown	The addition of signage including controllable flashing signs have associated on-going maintenance costs									0	0
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date						
2018	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		John Revell					Ongoing						



Project Version Summary

Project #	OPS-001-19	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Transportation Planning
Title	Pedestrian Crossovers		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description																	
This project would cover the materials and construction of new pedestrian crossovers (PXO). PXO's are defined in the Ministry of Transportation Ontario OTM Book 15; they currently include multiple types of treatment options that can be installed depending on traffic and geometric characteristics of the site. PXO's may require anything from signs with crossing markings, flashing beacons, or fully signalized pedestrian signals. Costs range from \$25,000 to \$85,000 depending on the treatment required.				Development of prioritized pedestrian crossovers.																	
Project Comments/Reference				Version Comments																	
7191010				Year 2019 activity included a \$10,000 allocation for a pedestrian crossovers education program. Note: Upon approval of government ICIP funding, \$60,008 of existing approved PAYG funds will be transferred to PBG-003-20 ICIP - Pedestrian Crossovers project.																	
Project Forecast				Project Detailed Forecast																	
		<u>Revenue</u>																			
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028+</u>	<u>Total</u>							
2020	0	0	0	Expenses																	
2021	0	0	0	5410 Construction Contracts - TCA																	
2022	0	0	0	0 0 0 0 100,000 100,000 0 0 100,000 300,000																	
2023	0	0	0	Total 0 0 0 0 100,000 100,000 0 0 100,000 300,000																	
2024	100,000	100,000	0	Revenues																	
2025	100,000	100,000	0	169 Pay As You Go - Capital Reserve																	
2026	0	0	0	0 0 0 0 100,000 100,000 0 0 100,000 300,000																	
2027	0	0	0	Total 0 0 0 0 100,000 100,000 0 0 100,000 300,000																	
2028+	100,000	100,000	0																		
	300,000	300,000	0																		
Historical Approved Budget																					
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>																		
2019	200,000	200,000	0																		
Related Projects				Operating Budget Impact																	
				<u>Effective Date</u>		<u>Description</u>												<u>Exp/(Rev)</u>		<u>FTE Impact</u>	
				Unknown		Addition of PXO's will increase ongoing maintenance operating costs. The affect on ongoing operating costs will be dependent upon the quantity and treatments installed.												0		0	
Year Identified	Start Date	Project Type for 2020		Project Lead				Est. Completion Date													
2019	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		John Revell				Ongoing													



Project Version Summary

Project #	OPS-003-14	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Transportation Planning
Title	University Avenue Environmental Assessment Placeholder		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 2, Ward 3		
Version Name	Main (Active)		

Project Description	As per the 2014 Enhanced Capital Plan, Council approved in principle funds from the 2018 Debt Reduction Levy for an environmental assessment that will be undertaken to create an attractive complete streets corridor by identifying the preferred alternative to reallocate any identified surplus vehicle capacity and optimize the design of the right-of-way. Implementation will be initiated with the balance of the funding.	Version Description	As per CR89/2014, Report #17088, Council approved the University Avenue project from Huron Church Road to McDougall Street. The environmental assessment is currently on hold pending completion of the University Ave Community improvement Plan being prepared by City Planning staff.
----------------------------	--	----------------------------	--

Project Comments/Reference	7144008/7149000 (closed)	Version Comments	As per CR148/2014, report #17205, City Council approved a re-allocation of \$986,000 to the Wyandotte-Gladstone/Devonshire project (7149000). As per B30/2019, council report C 53/2019 increase in F169 PAYG Funding per allocation in Table3 of the report. This report also approves the commitment of \$401,000 in 2023 and the placeholder of \$600,000 in 2024. Of note, B8/2019 has resulted in some or all of the original PAYG funding to be identified as Service Sustainability F221 funding.
-----------------------------------	--------------------------	-------------------------	---

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2020	0	0	0
2021	0	0	0
2022	0	0	0
2023	401,000	401,000	0
2024	850,000	850,000	0
2025	0	0	0
2026	0	0	0
2027	0	0	0
2028+	0	0	0
	1,251,000	1,251,000	0

Project Detailed Forecast		2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
GL Account											
Expenses											
5410	Construction Contracts - TCA	0	0	0	401,000	850,000	0	0	0	0	1,251,000
	Total	0	0	0	401,000	850,000	0	0	0	0	1,251,000
Revenues											
169	Pay As You Go - Capital Reserve	0	0	0	0	125,000	0	0	0	0	125,000
221	Service Sustainability Investm	0	0	0	401,000	725,000	0	0	0	0	1,126,000
	Total	0	0	0	401,000	850,000	0	0	0	0	1,251,000

Historical Approved Budget		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2018	5,000,000	5,000,000	0

Related Projects	Operating Budget Impact								
	<table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>The results of the ESR could influence the on-going operating expenses</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	The results of the ESR could influence the on-going operating expenses	0	0
Effective Date	Description	Exp/(Rev)	FTE Impact						
Unknown	The results of the ESR could influence the on-going operating expenses	0	0						

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2014	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	John Revell	2018



Project Version Summary

Project #	OPS-007-16	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Transportation Planning
Title	Cabana Rd. Pavement Markings		
Budget Status	Council Approved Budget		
Major Category	Roads Infrastructure		
Wards	Ward 1, Ward 9		
Version Name	Main (Active)		

Project Description				Version Description											
CR92/2015 approves Traffic Operations to include ongoing capital requirements for the maintenance of specialty pavement markings of approximately \$110,000 every 5 years until full implementation of the Cabana/Division Road Corridor Environmental Study Report cross section.				Cycling facilities on Cabana Road from Northway Avenue to Walker Road.											
Project Comments/Reference				Version Comments											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410 Construction Contracts - TCA											
2021	0	0	0		0	0	0	0	110,000	0	0	0	110,000	220,000	
2022	0	0	0	Total	0	0	0	0	110,000	0	0	0	110,000	220,000	
2023	0	0	0	Revenues											
2024	110,000	110,000	0	221 Service Sustainability Investm											
2025	0	0	0		0	0	0	0	110,000	0	0	0	110,000	220,000	
2026	0	0	0	Total	0	0	0	0	110,000	0	0	0	110,000	220,000	
2027	0	0	0												
2028+	110,000	110,000	0												
	220,000	220,000	0												
Historical Approved Budget				Operating Budget Impact											
				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	No Operating Budget Impact								0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2016	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %	John Revell	Every 5 Years											



Project Version Summary

Project #	OPS-009-07	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Transportation Planning
Title	Transportation Planning Environmental Study Reports (ESRs)		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Ongoing allocation to provide funds for Environmental Study Reports (ESR) as approved by CR148/2001.

The list of upcoming ESRs (alpha order) are:

- Central (Tesumseh to E.C. Row Expressway)
- E.C. Row Expressway
- Jefferson (Rose to to Airport Lands)
- Lauzon Road (Tecumseh Road East to Forest Glade Drive)
- Ojibway Parkway (MTO Jurisdiction to Morton Drive)
- Transportation Master Plan
- Truck Route Study
- Wyandotte Street East Extension (Jarvis to Banwell)

Project Comments/Reference

7086010

Version Description

ESRs typically extend beyond one year in duration (range from \$70,000 - \$500,000 per study).

Note: Annual budgets may need to be accumulated in order to initiate a typical ESR if the cost is significant.

Version Comments

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	100,000	100,000	0	2950	Other Prof Services-External									
2021	225,000	225,000	0			100,000	225,000	100,000	100,000	100,000	100,000	100,000	0	0
2022	100,000	100,000	0					100,000	100,000	100,000	100,000	0	0	825,000
2023	100,000	100,000	0											
2024	100,000	100,000	0											
2025	100,000	100,000	0											
2026	100,000	100,000	0											
2027	0	0	0											
2028+	0	0	0											
	825,000	825,000	0											
Historical Approved Budget				Revenues										
Year	Total Expense	Net City Cost	Subsidies	GL Account										
2007	200,000	200,000	0	169	Pay As You Go - Capital Reserve									
2008	200,000	200,000	0			25,000	56,250	25,000	25,000	25,000	25,000	0	0	206,250
2009	200,000	200,000	0											
2011	250,000	250,000	0	221	Service Sustainability Investm									
2012	100,000	100,000	0			75,000	168,750	75,000	75,000	75,000	75,000	0	0	618,750
2014	100,000	100,000	0											
2015	100,000	100,000	0											
2016	100,000	100,000	0											
2017	100,000	100,000	0											
2018	100,000	100,000	0											
2019	100,000	100,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	The results of the ESRs could influence the operating expenses for the related capital projects.								0	0
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2007	January 2, 2015	Growth: 25.0 % Maintenance: 75.0 %	John Revell	Ongoing										



Project Version Summary

Project #	OPS-014-07	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Transportation Planning
Title	Citywide Bikeway Development Initiatives		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

<p>Project Description</p> <p>Various locations for bike facility development as approved by B.U.M.P. and CR554/2001. This funding is dedicated to implementing the 4 main components: Cycling Network Development, Cycling Awareness and Education, Cycling-Transit Links and End-of-trip Facilities. CR627/2016 & CR628/2016 confirmed the project list for enhanced funding received to date. Note: Implementation of cycling facilities will depend on schedule of road reconstruction and resurfacing projects.</p>	<p>Version Description</p> <p>Increased capital budgets since 2011 are essential to ensuring cycling facilities are constructed in capital projects by other divisions and to access grant funding (those requiring municipal contribution) as it becomes available.</p>
<p>Project Comments/Reference</p> <p>(Closed: 7086009,7092024-ISF) Active: 7111031</p>	<p>Version Comments</p> <p>2013 & 2014 Enhanced Capital Budget, the Windsor Loop funds have allocated approximately \$6.800,000 to add bike lanes and sidewalks. \$2,059,000 of the \$6,800,000 allotted enhanced capital was reallocated to the Dougall Road / CN Rail overpass project, #7161061.</p> <p>As per B59/2019, Council approved funding of \$600,000 in 2019 for the Investing in Canada Plan - Public Transit grant.</p> <p>For years 2020 and 2021 it is proposed to move \$100,000 each year from this project to OPS-021-07 Traffic Calming Initiatives (same years) to shore up funding for that program which is deemed under funded at this time. Conversely, it is proposed that beginning year 2027 the \$100,000 placeholders in Traffic Calming be moved to this project (Bikeways) which will maintain the overall approved to date funding balance between the two projects.</p> <p>Note: Upon approval of government ICIP funding, \$1,498,829 of existing PAYG funds in this project will be transferred to project PBG-002-20 ICIP Bikeways Program as City's share of costs under the program.</p>

Project Forecast				Project Detailed Forecast										
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses										
2020	500,000	500,000	0	5410	Construction Contracts - TCA									
2021	500,000	500,000	0		500,000	500,000	200,000	200,000	400,000	400,000	400,000	100,000	0	2,700,000
2022	200,000	200,000	0		Total									
2023	200,000	200,000	0		500,000	500,000	200,000	200,000	400,000	400,000	400,000	100,000	0	2,700,000
2024	400,000	400,000	0	Revenues										
2025	400,000	400,000	0	160	Capital Expenditure Reserve									
2026	400,000	400,000	0		0	0	0	0	0	0	0	0	0	0
2027	100,000	100,000	0	176	Federal Gas Tax Rebate									
2028+	0	0	0		500,000	500,000	200,000	200,000	400,000	400,000	400,000	100,000	0	2,700,000
	2,700,000	2,700,000	0		Total									
					500,000	500,000	200,000	200,000	400,000	400,000	400,000	100,000	0	2,700,000
					Total									
					500,000	500,000	200,000	200,000	400,000	400,000	400,000	100,000	0	2,700,000
Historical Approved Budget														
Year	Total Expense	Net City Cost	Subsidies											
2007	200,000	200,000	0											
2008	200,000	200,000	0											
2009	200,000	66,667	133,333											
2010	200,000	66,667	133,333											
2011	400,000	400,000	0											
2012	400,000	400,000	0											
2013	400,000	400,000	0											
2015	400,000	400,000	0											
2016	200,000	200,000	0											
2017	400,000	400,000	0											
2018	500,000	500,000	0											
2019	600,000	600,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description								Exp/(Rev)	FTE Impact
				Unknown	The addition of cycling facilities adds to maintenance requirements related to signage, pavement marking, streetscaping, winter maintenance, etc.							0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2007	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %	Juan Paramo	Ongoing										



Project Version Summary

Project #	OPS-021-07	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Transportation Planning
Title	Traffic Calming Initiatives		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description										
General ongoing allocation of funds for Traffic Calming initiatives per the Traffic Calming Policy (CR537/2005). On September 21, 2015, Council approved the revised Traffic Calming Policy (M394-2015). Ongoing Capital budget is required including processing requests through the policy process and implementation of prioritized traffic calming plans.				The magnitude of the prioritized traffic calming plans and available funding will dictate the implementation schedule.										
Project Comments/Reference				Version Comments										
7069022				For years 2020 and 2021 it is proposed to move \$100,000 (for each year) from OPS-014-07 Bikeways to this project (same years) to shore up funding for this program which is deemed under funded at this time. Conversely, it is proposed that for years 2026 and 2027 the \$100,000 placeholders in Traffic Calming be moved to Bikeways which will maintain the overall approved to date funding balance between the two projects.										
Project Forecast				Project Detailed Forecast										
		Revenue												
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses														
2020	206,000	206,000	0	2950 Other Prof Services-External										
2021	100,000	100,000	0		206,000	100,000	0	0	0	0	0	0	100,000	406,000
2022	0	0	0											
2023	0	0	0											
2024	0	0	0											
2025	0	0	0											
2026	0	0	0											
2027	0	0	0											
2028+	100,000	100,000	0										0	200,000
	406,000	406,000	0	Total	206,000	100,000	0	0	0	0	0	0	100,000	406,000
Revenues														
				160 Capital Expenditure Reserve	106,000	0	0	0	0	0	0	0	100,000	206,000
				176 Federal Gas Tax Rebate	100,000	100,000	0	0	0	0	0	0	0	200,000
				Total	206,000	100,000	0	0	0	0	0	0	100,000	406,000
Historical Approved Budget														
		Revenue												
Year	Total Expense	Net City Cost	Subsidies											
2011	50,000	50,000	0											
2014	75,000	75,000	0											
2016	75,000	75,000	0											
2019	169,000	169,000	0											
Related Projects				Operating Budget Impact										
				Effective Date	Description							Exp/(Rev)	FTE Impact	
				Unknown	Traffic calming features have associated on-going maintenance / operational costs including signage, markings, surface and winter maintenance. (The ongoing operational costs associated with the temporary speed cushions are approximately \$2,000 per location annually and approximately \$500 per location annually for permanent speed cushions.)							0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date										
2007	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %	Jeff Hagan	Ongoing										



Project Version Summary

Project #	PBG-002-20	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type		Division	Transportation Planning
Title	ICIP - Bikeways Development		
Budget Status	Council Approved Budget		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description												
ICIP Cost Shared Bikeways Development				Upon approval of government funds, City funding share for this project will be transferred in from the City Wide Bikeway Development Initiatives Project OPS-014-07.												
Project Comments/Reference				Version Comments												
				City Funding PAYG: \$1,498,829 (To be transferred from OPS-014-07 City Wide Bikeways project existing funds) Federal funding (40%): \$1,948,000 Provincial funding: \$1,623,171 \$5,070,000												
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total		
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2020	5,070,000	0	5,070,000	5410	Construction Contracts - TCA											
2021	0	0	0		5,070,000	0	0	0	0	0	0	0	0	5,070,000		
2022	0	0	0	-----Total												
2023	0	0	0		5,070,000	0	0	0	0	0	0	0	0	5,070,000		
2024	0	0	0	Revenues												
2025	0	0	0	6310	Ontario Specific Grants											
2026	0	0	0		1,623,171	0	0	0	0	0	0	0	0	1,623,171		
2027	0	0	0	6320	Canada Specific Grants											
2028+	0	0	0		1,948,000	0	0	0	0	0	0	0	0	1,948,000		
	5,070,000	0	5,070,000	7052	TRANSFER From Capital Projects											
					1,498,829	0	0	0	0	0	0	0	0	1,498,829		
				Total	5,070,000	0	0	0	0	0	0	0	0	5,070,000		
Historical Approved Budget				Operating Budget Impact												
Year Identified	Start Date	Project Type for 2020	Project Lead				Est. Completion Date									
2020		Growth: 100.0 % Maintenance: 0.0 %	Juan Paramo													



Project Version Summary

Project # PBG-003-20 **Service Area** Office of the City Solicitor
Budget Year 2020 **Department** Planning & Building
Asset Type **Division** Transportation Planning

Title ICIP - Pedestrian Crossovers (Intake 1)
Budget Status Council Approved Budget
Major Category Transportation
Wards City Wide
Version Name Main (Active)

Project Description				Version Description										
ICIP cost sharing program for development of prioritized Pedestrian Crossovers.				ICIP cost sharing program for development of prioritized Pedestrian Crossovers. Planned sites: Drouillard at Richmond, University Ave W at Patricia and Lauzon at Clairview.										
Project Comments/Reference				Version Comments										
				City Funding PAYG: \$ 60,008 Federal funding: \$ 90,000 Provincial funding: \$ 74,992 Total \$ 225,000 Note: Upon government approval of ICIP funding, \$60,008 of existing PAYG funds to be transferred from OPS-001-19 Pedestrian Crossovers to this project as City share.										
Project Forecast				Project Detailed Forecast										
		Revenue												
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
2020	225,000	0	225,000	Expenses										
2021	0	0	0	5410	Construction Contracts - TCA									
2022	0	0	0		225,000	0	0	0	0	0	0	0	0	225,000
2023	0	0	0		Total	225,000	0	0	0	0	0	0	0	225,000
2024	0	0	0	Revenues										
2025	0	0	0	6310	Ontario Specific Grants									
2026	0	0	0		74,992	0	0	0	0	0	0	0	0	74,992
2027	0	0	0	6320	Canada Specific Grants									
2028+	0	0	0		90,000	0	0	0	0	0	0	0	0	90,000
	225,000	0	225,000	7052	TRANSFER From Capital Projects									
					60,008	0	0	0	0	0	0	0	0	60,008
					Total	225,000	0	0	0	0	0	0	0	225,000
Historical Approved Budget				Operating Budget Impact										
Related Projects														
Year Identified	Start Date	Project Type for 2020	Project Lead				Est. Completion Date							
2020		Growth: 100.0 % Maintenance: 0.0 %	John Revell											



Project Version Summary

Project #	ECB-042-18	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Urban Design
Title	Theme Districting - Downtown, Sandwich, Walkerville, Riverside, Ford City, Asian Town		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description											
On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration.				Phase 1 - theme districting is intended to re-shape the public realm at key destination points in the City in order to maximize shared community values. Theme districting will pay particular attention to the physical, cultural and social identities that define a place and support its ongoing evolution. The phased project will identify the different districts within the City and provide physical improvements and theme elements that will make the area a more enjoyable place to live, work or visit thereby creating a destination environment that is inviting and authentic. Theme districting will include significant consultations with the surrounding neighbourhoods and area merchants as to capitalize on local ideas, inspirations and potential that will result in the creation of unique public realm spaces. The first phase will involve theming surrounding the Walkerville Distillery District. Public consultations were initiated in the Spring of 2018 for determination as to which elements shall be included with implementation to follow - \$1,405,000. Phase 2 - Proceeding with further theming in the remaining districts. At this time, prioritization of theming installation for districts has not been defined. Public consultations for the next theme district will be initiated in late 2018 for determination as to which elements shall be included with implementation to follow - \$3,595,000.											
Project Comments/Reference				Version Comments											
7186001				PRE-COMMITMENT: CR123/2018, Report # C 20/2018 approved a pre-commitment of \$175,000 in 2019, \$234,000 in 2020, \$696,000 in 2021 and \$300,000 in 2022. As per the approved 2018 enhanced Capital Budget 6-year plan subject to a detailed report to formally approve, \$3,595,000 in 2023 is a placeholder.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	234,000	234,000	0	5410	Construction Contracts - TCA										
2021	696,000	696,000	0		234,000	696,000	300,000	3,595,000	0	0	0	0	0	4,825,000	
2022	300,000	300,000	0		<hr/>										
2023	3,595,000	3,595,000	0	Total	234,000	696,000	300,000	3,595,000	0	0	0	0	0	4,825,000	
2024	0	0	0	Revenues											
2025	0	0	0	160	Capital Expenditure Reserve										
2026	0	0	0		0	500,000	0	0	0	0	0	0	0	500,000	
2027	0	0	0	169	Pay As You Go - Capital Reserve										
2028+	0	0	0		234,000	196,000	300,000	3,595,000	0	0	0	0	0	4,325,000	
	4,825,000	4,825,000	0	Total	234,000	696,000	300,000	3,595,000	0	0	0	0	0	4,825,000	
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2019	175,000	175,000	0												
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2018	March 1, 2018	Growth: 100.0 % Maintenance: 0.0 %	Neil Robertson	TBD											



Project Version Summary

Project #	PLN-005-07	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Urban Design
Title	Planning & Building E-Plan & E-Permit Review and Implementation		
Budget Status	Council Approved Budget		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description				Version Description										
Implement an e-plan and e-permit Customer Resource Management System for plan submission, review and approval processes for Planning and Building Services. The implementation of these processes is consistent with and supports many of the recommendations contained in the Planning Business Process Review and specifically the Business Process Improvements related to improved customer service and communication which can be supported by technological change.				In 2018, City Council approved a contract with Evolta Canada Inc. for implementation of an e-permitting solution to coincide with the opening of the "One Stop" Service desk in the new City Hall. Implementation commenced in August 2018 to handle Site Plan Control applications and Building Permit applications, the two largest volume activity areas to benefit from the software solution. Then Planning and Building will gradually implement other types of applications received by the Department that are value added over the interim. A comprehensive solution is being delivered for e-permitting including Plan Submission, Permitting, Plan Review, Inspection, and Transaction Software. Conduct a trial (i.e. proof of concept & pilot project) of the proposed solution with the Site Plan Control staff and Building Permits staff. A pre-commitment against the funds for years 2019 to 2020 was approved.										
Project Comments/Reference				Version Comments										
7171028				Attached is a capital budget request for 2020 requesting additional funding the E-Plan and E-Permit project requires in order to reach completion. This request is based on current information, with a conservative approach to addressing any visible risks. The estimated budget request assumes the project will be completed by the end of 2020 and that continued collaboration between Evolve and the City will successfully mitigate existing integration challenges. PRECOMMITMENT: B8/2019, C 226/2018 pre-commits \$1,187,000 from F169 in 2020.										
Project Forecast				Project Detailed Forecast										
		Revenue												
Year	Total Expense	Net City Cost	Subsidies	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
2020	1,717,000	1,717,000	0	Expenses										
2021	0	0	0	5410	Construction Contracts - TCA									
2022	0	0	0		1,717,000	0	0	0	28,140	0	0	0	0	1,745,140
2023	0	0	0		Total	1,717,000	0	0	28,140	0	0	0	0	1,745,140
2024	28,140	28,140	0	Revenues										
2025	0	0	0	169	Pay As You Go - Capital Reserve									
2026	0	0	0		1,717,000	0	0	0	28,140	0	0	0	0	1,745,140
2027	0	0	0		Total	1,717,000	0	0	28,140	0	0	0	0	1,745,140
2028+	0	0	0											
	1,745,140	1,745,140	0											
Historical Approved Budget														
Year	Total Expense	Net City Cost	Subsidies											
2017	88,000	88,000	0											
2018	210,000	210,000	0											
2019	323,000	323,000	0											
Related Projects				Operating Budget Impact										
Year Identified	Start Date	Project Type for 2020		Project Lead					Est. Completion Date					
2007	January 1, 2017	Growth: 100.0 % Maintenance: 0.0 %		John Revell/Neil Robertson					2020+					



Project Version Summary

Project #	PLN-018-07	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Urban Design
Title	Neighbourhood Studies and Design Guidelines		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Version Description
Funds to be used to study and implement design standards and physical features/amenities that contribute to a higher quality of life in local neighbourhoods. Past funding has been used to complete the Site Plan Review Manual, then to fund production of Riverside Drive Vista Improvement Streetscape guidelines per CR364/2009. Complementary to the Site Plan Review Manual, the preparation of development guidelines for different areas of the City began in 2015.	<ol style="list-style-type: none"> 1) Develop the Ford City CIP 2) Prepare Design Guidelines for Infill Development 3) Develop & adopt the Site Plan Review Manual 4) Prepare Community Improvement Plans for targeted neighbourhoods 5) Comprehensive Sign Bylaw Review 6) Develop & adopt Design Guidelines & Standards for Civic Ways & Theme Streets 7) Develop City of Windsor Urban Design Manual 8) Prepare targeted area Design Guidelines

Project Comments/Reference	Version Comments
7045003	

Project Forecast	Project Detailed Forecast																																																																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2020</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2021</td><td>25,000</td><td>25,000</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2025</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2026</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2027</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2028+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>Total</td><td>125,000</td><td>125,000</td><td>0</td></tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2020	100,000	100,000	0	2021	25,000	25,000	0	2022	0	0	0	2023	0	0	0	2024	0	0	0	2025	0	0	0	2026	0	0	0	2027	0	0	0	2028+	0	0	0	Total	125,000	125,000	0	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>GL Account</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="11">Expenses</td> </tr> <tr> <td>2950 Other Prof Services-External</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>100,000</td> <td>25,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>125,000</td> </tr> <tr> <td>Total</td> <td>100,000</td> <td>25,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>125,000</td> </tr> <tr> <td colspan="11">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>100,000</td> <td>25,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>125,000</td> </tr> <tr> <td>Total</td> <td>100,000</td> <td>25,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>125,000</td> </tr> </tbody> </table>	GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	Expenses											2950 Other Prof Services-External												100,000	25,000	0	0	0	0	0	0	0	125,000	Total	100,000	25,000	0	0	0	0	0	0	0	125,000	Revenues											169 Pay As You Go - Capital Reserve												100,000	25,000	0	0	0	0	0	0	0	125,000	Total	100,000	25,000	0	0	0	0	0	0	0	125,000
Year			Total Expense	Revenue																																																																																																																																														
	Net City Cost	Subsidies																																																																																																																																																
2020	100,000	100,000	0																																																																																																																																															
2021	25,000	25,000	0																																																																																																																																															
2022	0	0	0																																																																																																																																															
2023	0	0	0																																																																																																																																															
2024	0	0	0																																																																																																																																															
2025	0	0	0																																																																																																																																															
2026	0	0	0																																																																																																																																															
2027	0	0	0																																																																																																																																															
2028+	0	0	0																																																																																																																																															
Total	125,000	125,000	0																																																																																																																																															
GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total																																																																																																																																								
Expenses																																																																																																																																																		
2950 Other Prof Services-External																																																																																																																																																		
	100,000	25,000	0	0	0	0	0	0	0	125,000																																																																																																																																								
Total	100,000	25,000	0	0	0	0	0	0	0	125,000																																																																																																																																								
Revenues																																																																																																																																																		
169 Pay As You Go - Capital Reserve																																																																																																																																																		
	100,000	25,000	0	0	0	0	0	0	0	125,000																																																																																																																																								
Total	100,000	25,000	0	0	0	0	0	0	0	125,000																																																																																																																																								

Historical Approved Budget																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2007</td><td>85,000</td><td>85,000</td><td>0</td></tr> <tr><td>2014</td><td>130,000</td><td>130,000</td><td>0</td></tr> <tr><td>2019</td><td>100,000</td><td>100,000</td><td>0</td></tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2007	85,000	85,000	0	2014	130,000	130,000	0	2019	100,000	100,000	0	
Year			Total Expense	Revenue															
	Net City Cost	Subsidies																	
2007	85,000	85,000	0																
2014	130,000	130,000	0																
2019	100,000	100,000	0																

Related Projects	Operating Budget Impact								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating budget Impact</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	No Operating budget Impact	0	0
Effective Date	Description	Exp/(Rev)	FTE Impact						
Unknown	No Operating budget Impact	0	0						

Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date
2007	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %	Neil Robertson	2021



Project Version Summary

Project #	PLN-012-07	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Urban Design
Title	City Centre Community Development Plan		
Budget Status	Council Approved Budget		
Major Category	Community & Economic Development		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description				Version Description											
Program's aim is to maximize a positive investment climate for diverse land uses downtown. Project developed and will implement the recommendations included the Downtown Windsor Community Improvement Plan. The Community Improvement Plan offers financial incentives to encourage private sector investment.				Funding required to fund incentives for the Downtown Community Improvement Plan. Over the past two years, there have been 13 grant approvals amounting to \$567,022 in total grants that are funded by this account. Currently there remains an uncommitted balance of \$155,633											
Project Comments/Reference				Version Comments											
7011022				Further future funding requests may be tabled as well as a program continuation review should the existing balance dwindle.											
Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2020	0	0	0	5410	Construction Contracts - TCA										
2021	0	0	0		0	0	0	0	0	0	500,000	0	415,000	915,000	
2022	0	0	0		0	0	0	0	0	0	500,000	0	415,000	915,000	
2023	0	0	0		0	0	0	0	0	0	0	0	0	0	
2024	0	0	0		0	0	0	0	0	0	0	0	0	0	
2025	0	0	0		0	0	0	0	0	0	0	0	0	0	
2026	500,000	500,000	0	160	Capital Expenditure Reserve										
2027	0	0	0		0	0	0	0	0	0	0	0	0	0	
2028+	415,000	415,000	0	169	Pay As You Go - Capital Reserve										
	915,000	915,000	0		0	0	0	0	0	0	0	0	415,000	415,000	
Historical Approved Budget				Revenues											
Year	Total Expense	Net City Cost	Subsidies	221	Service Sustainability Investm										
2009	280,000	280,000	0		0	0	0	0	0	0	500,000	0	0	500,000	
2010	200,000	200,000	0		0	0	0	0	0	0	500,000	0	415,000	915,000	
Related Projects				Operating Budget Impact											
				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	No Operating Budget Impact								0	0	
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date											
2007	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %	Neil Robertson	2024 and Beyond											



Project Version Summary

Project #	PLN-021-07	Service Area	Office of the City Solicitor
Budget Year	2020	Department	Planning & Building
Asset Type	Unassigned	Division	Urban Design
Title	City Hall Square and Civic Esplanade		
Budget Status	Council Approved Budget		
Major Category	Parks & Recreation		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description

Funds to be used for capital investments relating to the design, implementation and construction of the Civic Square Campus area (including the Civic Square Campus, Charles Clark Square and the Civic Esplanade) consistent with the Civic Square Campus Conceptual Site Plan that was approved in principle (CR162/2014) for the purposes of providing a definable direction for the ongoing development of the Civic Square Campus and surrounding areas.

The current funds budgeted are for the post-demolition restoration and minimal enhancement (+/- 65% hardscape) of the former City Hall site to standard that is consistent and compatible with the current design and features of the surrounding Civic Square Campus. A higher standard of design, and additional amenities and features will require funding beyond the amounts currently provided.

Project Comments/Reference

(7033086 Closed) / 7161040

Project Forecast

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2020	0	0	0
2021	0	0	0
2022	0	0	0
2023	0	0	0
2024	0	0	0
2025	0	0	0
2026	0	0	0
2027	0	0	0
2028+	227,000	227,000	0
	227,000	227,000	0

Historical Approved Budget

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2009	65,000	65,000	0
2010	100,000	100,000	0
2016	150,000	150,000	0
2019	187,000	187,000	0

Version Description

To coincide with the demolition of the old City Hall, additional capital investment is recommended to design/install/construct features in the Civic Square Campus area. The current funds budgeted are for the post-demolition restoration and minimal enhancement of the former City Hall site with additional amenities and features requiring additional funding beyond the amounts currently provided.

NOTE: Funds in the amount of \$2,522,000 (\$600,000 in 2017 currently available from PYG reserve, \$1,172,000 in 2020 and \$750,000 in 2021) formerly earmarked as a placeholder for the Riverside Pedestrian Tunnel are recommended to be redirected to the Civic Esplanade project. Future funds may still be required depending on the amenities that Council approves to be included once the consultation process has been completed.

2019 – Hire an external consultant to facilitate the consultation process, prepare a design that incorporates the desired amenities and features, and provide detailed cost estimates for the Civic Square redevelopment that is envisioned. One of the first tasks for the consultant will be to engage Council, staff and the public about the possible amenities and features of the Civic Square Campus (i.e. Civic Square, Charles Clark Square, and the Civic Esplanade), followed by a thorough vetting and costing of the desired amenities and features. The outcome of this consultant's study will include a master plan for the entire Civic Square Campus, possible construction phasing, and cost estimates that will be used for future budgetary requests.

Version Comments

Note funding has been identified for the ICIP - CCR project, as per CR529/2019.

Project Detailed Forecast

GL Account	2020	2021	2022	2023	2024	2025	2026	2027	2028+	Total
Expenses										
5410 Construction Contracts - TCA										
	0	0	0	0	0	0	0	0	227,000	227,000
Total	0	0	0	0	0	0	0	0	227,000	227,000
Revenues										
169 Pay As You Go - Capital Reserve										
	0	0	0	0	0	0	0	0	227,000	227,000
Total	0	0	0	0	0	0	0	0	227,000	227,000

Related Projects			Operating Budget Impact			
Year Identified	Start Date	Project Type for 2020	Project Lead	Est. Completion Date		
2007	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Neil Robertson	2020+		
			Effective Date Unknown	Description Upon completion of the project, operating impact is undetermined but expected to be negligible or limited and dependent upon minor repairs resulting from instances such as vandalism, weather impacts such as snow clearing and miscellaneous such as periodic emptying of trash bins and as needed watering of any planters. In other words, a minor extension of that which is already in place for the existing esplanade area.	Exp/(Rev) 0	FTE Impact 0