



# 2021 Approved Capital Budget





## Table of Contents

	<b>Page</b>
<b>Section A</b>	
<b>Summary of Approved Capital Budget Expenditures and Funding Sources</b>	<b>2</b>
<b>Section B</b>	
<b>Summary of 10-Year Approved Capital Budget and Prior Year Comparison</b>	<b>5</b>
<b>Section C</b>	
<b>10-Year Capital Project Listing by Major Category</b>	<b>7</b>
<b>Section D</b>	
<b>Capital Project Summaries</b>	
<b>Agencies, Boards &amp; Committees.....</b>	<b>22</b>
<b>City Council and Mayor's Office.....</b>	<b>51</b>
<b>Office of Community Development and Health.....</b>	<b>55</b>
<b>Office of Parks, Recreation, Culture &amp; Facilities.....</b>	<b>81</b>
<b>Office of the Chief Administrative Officer.....</b>	<b>228</b>
<b>Office of the Chief Financial Officer.....</b>	<b>232</b>
<b>Office of the City Clerk.....</b>	<b>287</b>
<b>Office of the City Engineer.....</b>	<b>305</b>
<b>Office of the City Solicitor.....</b>	<b>542</b>

# **2021 Approved Capital Budget**



## **SECTION A:**

### **10 - Year Summary of Approved Capital Budget Expenditures and Funding Sources**

**Summary of Approved Capital Budget Funding Sources and Expenditures for Budget Year 2021 (10 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, External & Other	Federal Gas Tax	Pay As You Go	Development Charge Reserves	Dedicated Reserves	Sewer Surcharge	Grants, External & Other	Federal Gas Tax	
2021	Funding Available	39,611,928	837,300	12,470,000	30,927,306	10,594,450	12,205,722	29,187,508	3,405,000	6,588,830	9,260,379	13,214,813	1,570,420	169,873,655
	Less: Pre-Commitments & Placeholders	22,413,300	557,300	2,110,031	25,713,686	-	3,561,000	15,922,158	1,945,000	187,500	1,440,686	-	750,000	74,600,661
	Less: Funding allocated to Expenditures	17,198,628	280,000	10,359,969	5,213,620	10,594,450	8,644,722	13,265,350	1,460,000	6,401,330	7,819,693	13,214,813	820,420	95,272,994
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	Funding Available	41,699,696	117,500	14,673,500	31,459,845	6,009,494	12,526,512	30,784,462	2,786,876	6,163,000	6,727,596	6,865,371	1,250,000	161,063,852
	Less: Pre-Commitments & Placeholders	10,207,767	-	-	13,890,345	-	350,000	14,349,947	-	-	747,345	1,439,023	1,050,000	42,034,427
	Less: Funding allocated to Expenditures	31,491,929	117,500	14,673,500	17,569,500	6,009,494	12,176,512	16,434,515	2,786,876	6,163,000	5,980,251	5,426,348	200,000	119,029,425
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	Funding Available	44,697,296	205,000	14,851,000	34,411,595	4,226,384	13,875,630	32,702,431	4,027,000	3,528,000	3,776,346	4,417,284	500,000	161,217,966
	Less: Pre-Commitments & Placeholders	13,245,871	-	-	16,526,095	-	100,000	21,873,475	-	-	401,095	-	300,000	52,446,536
	Less: Funding allocated to Expenditures	31,451,425	205,000	14,851,000	17,885,500	4,226,384	13,775,630	10,828,956	4,027,000	3,528,000	3,375,251	4,417,284	200,000	108,771,430
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-	-	-
2024	Funding Available	54,738,109	5,000	12,165,000	32,465,805	5,343,777	13,376,000	27,312,563	5,217,000	3,143,000	5,722,368	5,138,852	400,000	165,027,474
	Less: Pre-Commitments & Placeholders	9,803,665	-	-	19,759,055	-	2,334,000	15,619,705	-	-	295,305	-	-	47,811,730
	Less: Funding allocated to Expenditures	44,934,444	5,000	12,165,000	12,706,750	5,343,777	11,042,000	11,692,858	5,217,000	3,143,000	5,427,063	5,138,852	400,000	117,215,744
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-	-	-
2025	Funding Available	54,325,916	605,000	7,152,000	33,823,904	7,005,834	11,808,800	32,529,448	6,158,100	4,713,000	4,364,217	5,302,023	1,967,200	169,755,442
	Less: Pre-Commitments & Placeholders	2,087,675	-	-	12,777,154	-	-	16,697,980	-	-	337,154	1,030,303	-	32,930,266
	Less: Funding allocated to Expenditures	52,238,241	605,000	7,152,000	21,046,750	7,005,834	11,808,800	15,831,468	6,158,100	4,713,000	4,027,063	4,271,720	1,967,200	136,825,176
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-	-	-

**Summary of Approved Capital Budget Funding Sources and Expenditures for Budget Year 2021 (10 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, External & Other	Federal Gas Tax	Pay As You Go	Development Charge Reserves	Dedicated Reserves	Sewer Surcharge	Grants, External & Other	Federal Gas Tax	
2026	Funding Available	53,925,888	374,950	8,125,000	35,177,624	3,727,382	10,914,000	32,929,800	1,325,200	3,943,000	3,010,501	3,641,000	2,862,250	159,956,595
	Less: Pre-Commitments & Placeholders	310,255	-	-	11,550,000	-	-	6,900,000	-	-	-	-	-	18,760,255
	Less: Funding allocated to Expenditures	53,615,633	374,950	8,125,000	23,627,624	3,727,382	10,914,000	26,029,800	1,325,200	3,943,000	3,010,501	3,641,000	2,862,250	141,196,340
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-	-	-
2027	Funding Available	55,952,509	-	7,914,000	36,165,251	385,923	13,434,000	30,902,500	206,300	2,943,000	2,022,750	3,641,000	342,250	153,909,483
	Less: Pre-Commitments & Placeholders	-	-	-	11,550,000	-	-	6,900,000	-	-	-	-	-	18,450,000
	Less: Funding allocated to Expenditures	55,952,509	-	7,914,000	24,615,251	385,923	13,434,000	24,002,500	206,300	2,943,000	2,022,750	3,641,000	342,250	135,459,483
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-	-	-
2028	Funding Available	50,523,750	2,550,000	10,301,000	34,737,751	540,046	13,776,250	25,293,382	6,767,400	3,113,000	3,450,000	3,941,000	100,000	155,093,579
	Less: Pre-Commitments & Placeholders	-	-	-	11,550,000	-	-	6,200,000	-	-	-	-	-	17,750,000
	Less: Funding allocated to Expenditures	50,523,750	2,550,000	10,301,000	23,187,751	540,046	13,776,250	19,093,382	6,767,400	3,113,000	3,450,000	3,941,000	100,000	137,343,579
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-	-	-
2029	Funding Available	50,568,750	2,550,000	9,418,000	32,480,251	1,425,000	13,776,250	25,340,449	6,829,500	2,943,000	5,700,000	3,791,000	100,000	154,922,200
	Less: Pre-Commitments & Placeholders	-	-	-	5,000,000	-	-	-	-	-	-	-	-	5,000,000
	Less: Funding allocated to Expenditures	50,568,750	2,550,000	9,418,000	27,480,251	1,425,000	13,776,250	25,340,449	6,829,500	2,943,000	5,700,000	3,791,000	100,000	149,922,200
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-	-	-
2030	Funding Available	50,498,750	2,550,000	7,670,000	33,736,171	25,000	13,776,250	25,339,608	6,063,700	2,468,000	4,450,000	591,000	100,000	147,268,479
	Less: Pre-Commitments & Placeholders	-	-	-	5,000,000	-	-	-	-	-	-	-	-	5,000,000
	Less: Funding allocated to Expenditures	50,498,750	2,550,000	7,670,000	28,736,171	25,000	13,776,250	25,339,608	6,063,700	2,468,000	4,450,000	591,000	100,000	142,268,479
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-	-	-

# **2021 Approved Capital Budget**



## **SECTION B:**

### **Summary of 10 – Year Approved Capital Budget and Prior Year Comparison**

### Summary of Approved Capital Budget Funding and Expenditures (\$000's) - for Budget Year 2021 (10-Year Capital Plan)

Allocation of Available Funding by Major Category:	2021	% of Budget	2022	% of Budget	2023	% of Budget	2024	% of Budget	2025	% of Budget	2026	% of Budget	2027	% of Budget	2028	% of Budget	2029	% of Budget	2030	% of Budget	TOTAL 2021-2030	% of Budget
Roads Infrastructure	50,265,478	30%	43,663,269	27%	41,794,727	26%	46,782,172	28%	52,921,186	31%	49,099,939	31%	51,215,527	33%	53,140,000	34%	55,115,000	36%	55,965,000	34%	499,962,298	30%
Sewers Infrastructure	51,252,351	30%	48,380,440	30%	57,375,038	36%	54,367,844	33%	50,537,958	30%	41,715,067	26%	37,716,174	25%	42,087,797	27%	39,495,251	25%	39,406,171	25%	462,334,091	29%
Transportation	14,476,025	9%	15,752,080	10%	11,488,355	7%	16,076,556	10%	9,817,672	6%	13,683,838	9%	16,275,309	11%	17,312,782	11%	17,202,949	11%	13,383,058	11%	145,468,624	10%
Parks & Recreation	17,586,966	10%	13,132,309	8%	14,614,704	9%	14,710,671	9%	13,843,072	8%	16,310,000	10%	11,261,000	7%	11,199,000	7%	11,656,000	8%	13,017,000	9%	137,330,722	10%
Corporate Property Infrastructure	11,414,601	7%	8,728,300	5%	5,813,099	4%	9,007,800	5%	10,151,500	6%	12,081,000	8%	12,941,000	8%	11,416,000	7%	12,816,000	8%	11,383,250	7%	105,752,550	6%
Corporate Technology	5,641,500	3%	3,310,000	2%	3,596,000	2%	1,778,140	1%	4,176,696	2%	4,365,000	3%	4,984,473	3%	4,375,000	3%	5,220,000	3%	4,600,000	3%	42,046,809	3%
Community & Economic Development	4,281,081	3%	5,582,751	3%	15,184,291	9%	12,035,291	7%	13,398,055	8%	9,737,751	6%	9,650,000	6%	7,200,000	5%	4,650,616	3%	5,185,000	6%	86,904,836	6%
Capital Reserve Replenishment	3,450,000	2%	3,170,000	2%	3,170,000	2%	3,170,000	2%	3,170,000	2%	3,170,000	2%	3,170,000	2%	-	0%	-	0%	-	2%	22,470,000	2%
Agencies, Boards & Committees (ABC's)	11,505,653	7%	19,344,703	12%	8,181,752	5%	7,099,000	4%	11,739,303	7%	9,794,000	6%	6,696,000	4%	8,363,000	5%	8,766,384	6%	4,329,000	2%	95,818,795	4%
<b>Total Allocation of Available Funding</b>	<b>169,873,655</b>	<b>100%</b>	<b>161,063,852</b>	<b>100%</b>	<b>161,217,966</b>	<b>100%</b>	<b>165,027,474</b>	<b>100%</b>	<b>169,755,442</b>	<b>100%</b>	<b>159,956,595</b>	<b>100%</b>	<b>153,909,483</b>	<b>100%</b>	<b>155,093,579</b>	<b>100%</b>	<b>154,922,200</b>	<b>100%</b>	<b>147,268,479</b>	<b>100%</b>	<b>1,598,088,725</b>	<b>100%</b>

### Approved Capital Budget Summary Comparison : 2020 vs. 2021

Allocation of Available Funding by Major Category:	2020	2021	Change
Roads Infrastructure	43,811,445	50,265,478	6,454,033
Sewers Infrastructure	43,762,682	51,252,351	7,489,669
Transportation	27,175,847	14,476,025	(12,699,822)
Parks & Recreation	17,239,598	17,586,966	347,368
Corporate Property Infrastructure	6,694,000	11,414,601	4,720,601
Corporate Technology	5,251,500	5,641,500	390,000
Community & Economic Development	8,819,970	4,281,081	(4,538,889)
Capital Reserve Replenishment	3,210,000	3,450,000	240,000
Agencies, Boards & Committees (ABC's)	10,633,104	11,505,653	872,549
<b>Total Allocation of Available Funding</b>	<b>166,598,146</b>	<b>169,873,655</b>	<b>3,275,509</b>

On February 22nd, 2021 City Council approved both the 2021 Operating Budget (Council Resolution B5/2021, Report # C 12/2021) and the 2021 10-year Capital Budget (Council Resolution B6/2021, Report # C 14/2021).

The 2021 10-year Capital Budget includes expenditures totaling \$1,598,088,725. Capital projects and their identified 2021 funding recommendations, totaling \$169,873,655 has been approved. Projects and their recommended funding from 2022 through to 2030, 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 2021 net Operating Budget totals \$428,359,795 and the gross totals \$868,424,923.

# **2021 Approved Capital Budget**



## **SECTION C:**

### **10 – Year Capital Project Listing by Major Category**

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
For Budget Year 2021

<b>Roads Infrastructure</b>													
<b>Page #</b>	<b>Project #</b>	<b>Project Name</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
319	ECB-001-18	California/Pulford - Norfolk to Daytona	0	0	1,200,000	0	0	0	0	0	0	0	1,200,000
320	ECB-006-18	Crawford Ave. - Wyandotte to Tecumseh - Engineering	0	0	0	0	0	0	0	0	1,000,000	2,000,000	3,000,000
411	ECB-014-18	Ypres Blvd. - Forest to Walker - Mill and Pave	1,400,000	0	0	0	0	0	0	0	0	0	1,400,000
412	ECB-016-18	St. Luke Rd. - Seminole to ETR - Reconstruction	459,000	0	0	0	0	0	0	0	0	0	459,000
322	ECB-017-18	Pillette Rd. - Seminole to VIA Tracks - Reconstruction (Phases 1 & 2)	0	0	950,000	0	0	0	0	0	0	0	950,000
413	ECB-019-18	St. Julien Rd. - George to Tourangeau - Reconstruction	155,000	0	0	0	0	0	0	0	0	0	155,000
414	ECB-027-18	Briarbank Dr. - Mill and Pave	190,000	0	0	0	0	0	0	0	0	0	190,000
415	ECB-030-18	Wyandotte St. - St. Rose to Janisse - Repair WB, Reconstruct EB	0	0	440,000	0	0	0	0	0	0	0	440,000
416	ECB-031-18	Courtland Cres. - South National to South National - Mill and Pave	0	0	120,000	0	0	0	0	0	0	0	120,000
417	ECB-032-18	Annie St. - Tecumseh to Cul-de-sac - Mill and Pave	0	0	90,000	0	0	0	0	0	0	0	90,000
323	ECB-034-18	Byng Rd. - Lappan to Melinda - Reconstruction	0	0	650,000	0	0	0	0	0	0	0	650,000
324	ECB-035-18	Riverside Dr. Vista Intersection - Devonshire and Riverside	0	1,000,000	0	0	0	0	0	0	0	0	1,000,000
327	ECP-002-08	Provincial Rd./Division Rd. Corridor Infrastructure Improvements	2,000,000	0	0	0	5,950,000	1,000,000	5,101,000	5,540,000	6,860,000	4,905,000	31,356,000
329	ECP-002-10	Banwell Rd. Infrastructure Improvements	200,000	500,000	70,000	2,100,000	0	4,899,000	0	0	0	0	7,769,000
331	ECP-003-07	Grand Marais Rd. Infrastructure Improvements	0	0	0	0	0	0	0	2,000,000	2,000,000	2,000,000	6,000,000
332	ECP-003-08	Howard Avenue Corridor Infrastructure Improvements- S Cameron Boulevard to Herb Gray Parkway	0	50,000	100,000	2,834,000	0	2,798,000	5,368,000	2,200,000	2,000,000	2,700,000	18,050,000
334	ECP-003-09	Cabana Road Infrastructure Improvements	7,779,841	6,045,060	1,291,746	3,765,980	3,849,659	0	0	450,000	450,000	1,800,000	25,432,286
336	ECP-004-07	Walker Rd. Infrastructure Improvements	0	0	0	0	0	0	0	1,400,000	1,400,000	1,400,000	4,200,000
342	ECP-005-07	Tecumseh Rd. E. Infrastructure Improvements	50,000	500,000	0	0	500,000	1,075,000	1,125,000	1,000,000	1,000,000	1,000,000	6,250,000
348	ECP-009-07	Intersection Improvements Program	500,000	500,000	500,000	500,000	0	0	0	500,000	500,000	500,000	3,500,000
350	ECP-010-07	East Riverside Planning District Infrastructure Improvements	0	1,400,000	1,000,000	0	0	0	0	0	0	0	2,400,000
352	ECP-013-09	La Bella Strada - Erie St. Business Improvement Area Streetscaping	0	0	300,000	0	0	0	0	0	0	0	300,000
353	ECP-014-07	City Centre Streetscape Program - University Avenue/Victoria Avenue	0	3,025,000	1,100,000	400,000	0	0	0	0	0	0	4,525,000
355	ECP-016-07	The Riverside Drive Vista Improvement	250,000	0	0	2,215,000	2,400,000	2,500,000	8,000,000	2,000,000	2,000,000	2,000,000	21,365,000
359	ECP-023-07	Parent Ave./McDougall Ave. Storm Sewer Engineering & Construction	0	2,950,000	0	0	0	1,485,000	95,000	0	0	0	4,530,000
367	EDG-001-11	Lauzon Parkway & County Rd. 42 Infrastructure Improvements	550,000	0	1,000,000	300,000	11,784,000	9,600,000	3,401,000	0	225,000	775,000	27,635,000
371	ENG-001-16	Sixth Concession Rd./North Talbot Rd. Infrastructure Improvements	932,000	967,000	1,000	0	0	1,200,000	1,390,000	1,005,000	1,250,000	1,400,000	8,145,000
509	ENG-003-17	New Streetlights on Collectors and Arterials	0	100,000	100,000	100,000	0	100,000	100,000	100,000	100,000	100,000	800,000
312	ENG-003-21	WFCU Roadway	3,400,000	0	0	0	0	0	0	0	0	0	3,400,000

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
**For Budget Year 2021**

380	ENG-005-17	Central Box EA Road and Infrastructure Improvements	2,743,891	2,100,000	3,560,000	3,200,000	300,000	2,500,000	0	1,500,000	1,250,000	500,000	17,653,891
385	ENG-006-20	Local Improvement Program	3,850,000	1,400,000	0	2,200,000	1,050,000	1,850,000	1,250,000	1,550,000	1,295,000	1,100,000	15,545,000
386	ENG-006-21	7th and 9th Concession Road Improvements	0	0	0	0	0	0	0	8,500,000	8,500,000	8,500,000	25,500,000
395	ENG-026-17	Sandwich Street - Roundabout and Archeological Study	1,150,000	0	375,000	0	0	0	0	0	0	0	1,525,000
420	OPS-001-07	Road Rehabilitation - Various Locations Program	13,086,805	12,447,696	12,804,451	16,982,717	18,982,717	9,689,745	12,970,527	17,620,000	17,620,000	17,620,000	149,824,658
427	OPS-001-11	Minor Alley Maintenance Program	100,000	200,000	200,000	200,000	200,000	200,000	200,000	250,000	250,000	250,000	2,050,000
430	OPS-002-11	Minor Road Deficiencies Rehabilitation Program	350,837	3,259,111	2,967,386	4,075,660	4,133,934	3,800,000	3,800,000	3,000,000	3,000,000	3,000,000	31,386,928
432	OPS-002-21	Connecting Links Intake 6	0	825,000	1,500,000	2,500,000	500,000	310,255	0	0	0	0	5,635,255
434	OPS-003-07	Bridge Rehabilitation Program	1,204,000	2,170,000	3,160,770	500,000	500,000	2,500,000	5,000,000	1,000,000	1,000,000	1,000,000	18,034,770
593	OPS-003-14	University Avenue Environmental Assessment Placeholder	0	0	401,000	850,000	0	0	0	0	0	0	1,251,000
436	OPS-004-07	Sidewalk Rehabilitation Program	559,197	1,048,494	1,048,494	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	13,156,185
446	OPS-005-07	Railway Lands Fencing	0	100,000	100,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	1,950,000
449	OPS-006-07	"At-Grade" Railway Crossings	200,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,325,000
594	OPS-007-16	Cabana Rd. Pavement Markings	0	0	0	110,000	0	0	0	110,000	0	0	220,000
451	OPS-007-19	Connecting Link 4 2019-2020 Grant - Huron Church Rd.	0	0	2,560,814	0	0	0	0	0	0	0	2,560,814
452	OPS-007-20	ICIP - City Wide Sidewalks (Intake 1)	1,094,907	1,020,908	1,519,136	533,815	355,876	177,939	0	0	0	0	4,702,581
453	OPS-008-17	Rossini Reconstruction - Tecumseh to Griffin	300,000	0	0	0	0	0	0	0	0	0	300,000
454	OPS-009-17	Reginald Street Reconstruction - Rossini to Francois	280,000	0	0	0	0	0	0	0	0	0	280,000
455	OPS-009-20	Connecting Link Intake 5 Project - Huron Church Rd.	3,995,000	995,000	1,019,930	0	0	0	0	0	0	0	6,009,930
457	OPS-010-17	Tranby Reconstruction	1,200,000	0	0	0	0	0	0	0	0	0	1,200,000
397	OPS-012-17	Streetlights on South National	105,000	0	0	0	0	0	0	0	0	0	105,000
458	OPS-013-17	Reginald Street Reconstruction - Norman to Westminster	390,000	0	0	0	0	0	0	0	0	0	390,000
459	OPS-014-17	Alice Street Mill and Pave - Norman to Polonia Park	35,000	0	0	0	0	0	0	0	0	0	35,000
460	OPS-015-17	Coronation Street Mill and Pave - Jefferson to Cul-de-sac	55,000	0	0	0	0	0	0	0	0	0	55,000
461	OPS-016-17	Devon Drive Reconstruction - Sydney to South Service	800,000	0	0	0	0	0	0	0	0	0	800,000
462	OPS-017-17	Northwood Reconstruction - Northwood to Northway	500,000	0	0	0	0	0	0	0	0	0	500,000
463	OPS-026-17	Lake Trail Drive Mill and Pave	400,000	0	0	0	0	0	0	0	0	0	400,000
464	OPS-028-18	Concrete Road Panel Repair Program	0	895,000	1,500,000	1,500,000	500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	11,895,000
578	PBG-001-14	Alley Closing Subsidy Pilot Program	0	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	360,000
<b>Roads Infrastructure Total</b>			<b>50,265,478</b>	<b>43,663,269</b>	<b>41,794,727</b>	<b>46,782,172</b>	<b>52,921,186</b>	<b>49,099,939</b>	<b>51,215,527</b>	<b>53,140,000</b>	<b>55,115,000</b>	<b>55,965,000</b>	<b>499,962,298</b>

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
For Budget Year 2021

<b>Sewers Infrastructure</b>													
<b>Page #</b>	<b>Project #</b>	<b>Project Name</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
325	ECP-001-10	Upper Little River Stormwater Management Plan and Implementation	500,000	1,000,000	2,000,000	3,000,000	0	0	0	1,500,000	1,500,000	1,500,000	11,000,000
338	ECP-004-08	Municipal Drains Capital Rehabilitation Program	545,000	250,000	419,000	250,000	336,000	500,000	500,000	0	450,000	450,000	3,700,000
340	ECP-004-09	Stormwater and Sanitary Master Plan Development	0	250,000	250,000	0	0	0	0	0	0	0	500,000
344	ECP-005-08	Grand Marais Drain Improvements (Concrete Channel)	0	0	0	0	0	0	0	0	1,169,500	1,098,420	2,267,920
357	ECP-022-07	Prince Rd./Totten St. Storm Sewer Improvements - Engineering & Construction	0	100,000	0	2,450,000	2,250,000	0	0	2,000,000	2,600,000	0	9,400,000
360	ECP-028-07	Grand Marais Drain Rehabilitation Program (Existing Naturalized Channel)	732,000	500,000	1,200,000	0	0	1,000,000	500,000	300,000	300,000	300,000	4,832,000
362	ECP-035-07	City Wide Sewer Rehabilitation Program	9,348,500	10,245,000	10,343,000	6,037,000	7,518,000	8,927,624	5,463,550	9,700,000	9,300,000	9,000,000	85,882,674
366	ECP-036-07	Ojibway Sanitary Sewer Rehabilitation	0	0	3,000,000	500,000	500,000	1,000,000	0	0	0	0	5,000,000
309	ECP-041-07	New Infrastructure Development - Oversizing Infrastructure (Developer-related)	272,500	800,000	300,000	300,000	200,000	0	0	200,000	200,000	200,000	2,472,500
369	ENG-001-13	Capital Rehabilitation Program for Little River Steel Retaining Walls	0	0	1,000,000	500,000	500,000	1,000,000	1,000,000	500,000	500,000	500,000	5,500,000
398	ENG-001-19	Bio-Solids / Source Organics Disposal Study	0	0	0	0	0	0	0	0	500,000	0	500,000
372	ENG-002-16	Improvements to Little River Municipal Drain (Lauzon Rd. to VIA Tracks)	0	0	0	265,000	500,000	0	0	0	0	0	765,000
374	ENG-002-19	Sewer Master Plan Implementation	8,970,000	8,970,000	8,970,000	11,500,000	14,584,000	11,000,000	16,451,701	11,987,751	11,987,751	11,987,751	116,408,954
376	ENG-003-13	Sixth Concession Municipal Drain - Land Acquisition & Capital Improvements	200,000	535,000	485,000	0	0	0	0	0	0	0	1,220,000
378	ENG-003-19	Sandwich South Lands - Engineering Studies	0	0	0	0	0	0	0	540,000	690,000	0	1,230,000
382	ENG-005-19	Enhanced Flooding Mitigation Program - DMAF 1	8,048,551	8,670,440	9,055,038	15,557,094	13,174,958	9,824,443	6,660,923	7,065,046	0	0	78,056,493
384	ENG-005-21	East West Arterial Drain Diversion	4,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0	0	0	0	0	12,000,000
418	ENG-007-16	Basement Flooding Abatement Measures	4,450,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	44,950,000
387	ENG-007-21	9th Concession- Trunks Sanitary Sewer	0	0	0	0	0	0	0	0	2,000,000	1,000,000	3,000,000
388	ENG-008-15	Strabane Ave. Sanitary Sewer Improvement - WUC Discharge	250,000	0	0	0	0	0	0	0	0	0	250,000
389	ENG-009-21	Inflow and Infiltration Program	125,000	125,000	175,000	175,000	175,000	200,000	200,000	200,000	200,000	200,000	1,775,000
390	ENG-012-20	Capital Improvements to East Riverside Flood Protection Dikes	0	0	0	0	0	0	0	0	1,600,000	5,000,000	6,600,000
392	ENG-013-20	Sandwich St. Sewer Rehabilitation	4,740,800	2,030,000	2,030,000	1,713,750	0	0	0	0	0	0	10,514,550
394	ENG-023-17	Connaught Street Reconstruction	715,000	0	0	0	0	0	0	0	0	0	715,000
396	ENG-031-17	Norman Road - Engineering - Tecumseh to Adstoll	100,000	0	0	0	0	0	0	0	0	0	100,000
399	ENV-001-08	Lou Romano Water Reclamation Plant	4,455,000	3,385,000	3,023,000	1,840,000	1,820,000	2,103,000	1,020,000	1,995,000	628,000	2,020,000	22,289,000
403	ENV-002-08	Little River Pollution Control Plant	3,000,000	2,500,000	4,270,000	1,950,000	570,000	800,000	920,000	800,000	570,000	350,000	15,730,000
406	ENV-003-08	Pumping Stations Maintenance	710,000	1,870,000	4,355,000	1,530,000	1,610,000	560,000	200,000	300,000	300,000	800,000	12,235,000
448	OPS-005-19	Gravel Alley Drainage Improvements	50,000	50,000	0	0	0	0	0	200,000	200,000	200,000	700,000
465	OPS-029-18	Curb Replacement Program	40,000	600,000	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,740,000
<b>Sewers Infrastructure Total</b>			<b>51,252,351</b>	<b>48,380,440</b>	<b>57,375,038</b>	<b>54,367,844</b>	<b>50,537,958</b>	<b>41,715,067</b>	<b>37,716,174</b>	<b>42,087,797</b>	<b>39,495,251</b>	<b>39,406,171</b>	<b>462,334,091</b>

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
For Budget Year 2021

<b>Transportation</b>													
<b>Page #</b>	<b>Project #</b>	<b>Project Name</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
507	ECP-001-07	Citywide Streetlight Rehabilitation & Relocations Including E.C. Row Expressway	660,990	369,353	593,375	943,615	1,266,280	1,360,000	1,360,000	1,357,460	1,010,800	1,298,940	10,220,813
346	ECP-008-07	Pedestrian Safety Improvements	0	100,000	0	100,000	0	100,000	0	100,000	0	100,000	500,000
373	ENG-002-17	Bus Bay Program	0	100,000	100,000	100,000	0	0	100,000	100,000	100,000	100,000	700,000
510	ENG-007-20	Streetlights on Ottawa Street - Pierre to Howard	160,990	338,703	462,753	136,589	0	0	0	0	0	0	1,099,035
466	FRS-001-07	Fire & Rescue First Response Vehicle Replacement Program	74,000	2,864,000	117,000	2,380,000	75,000	0	1,467,000	4,320,000	3,383,000	212,000	14,892,000
547	FRS-002-20	Command Post Vehicle - Bosch MIC Camera replacement	0	0	0	0	0	60,000	0	0	0	0	60,000
499	OPS-001-13	Parking Equipment Replacement Program	104,000	106,000	108,000	110,000	112,000	114,000	116,000	118,000	120,000	122,000	1,130,000
476	OPS-001-17	Fuel Site Equipment Replacement	0	289,100	36,300	62,000	17,780	0	19,950	50,000	50,000	50,000	575,130
590	OPS-001-18	School Neighbourhood Policy	0	150,000	150,000	40,000	50,000	50,000	50,000	100,000	100,000	107,800	797,800
591	OPS-001-19	Pedestrian Crossovers	164,993	0	0	100,000	100,000	0	0	100,000	0	0	464,993
511	OPS-001-21	Streetlight Pole Replacement Program	0	50,000	50,000	50,000	50,000	0	0	12,540	359,200	71,060	642,800
429	OPS-002-10	Civic Gateway Corridor Maintenance	0	0	0	200,000	0	0	0	0	0	0	200,000
480	OPS-002-17	Fuel Site Program	0	153,240	6,050	50,000	50,000	50,000	50,000	25,000	25,000	25,000	434,290
482	OPS-005-08	Corporate Fleet Replacement Program	1,057,000	2,352,000	1,643,000	1,968,000	1,200,000	2,228,000	2,272,000	1,341,000	2,471,000	1,707,000	18,239,000
515	OPS-008-20	Traffic Signal Upgrades and Replacements	1,271,208	822,940	804,673	1,721,405	2,278,137	2,930,000	2,330,000	2,100,000	2,100,000	2,100,000	18,458,363
595	OPS-009-07	Transportation Planning Environmental Study Reports (ESRs)	225,000	100,000	100,000	100,000	100,000	100,000	0	0	0	0	725,000
520	OPS-010-07	Advanced Traffic Management System (ATMS) - System Maintenance	488,000	420,000	234,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	3,942,000
597	OPS-014-07	Citywide Bikeway Development Initiatives	400,000	200,000	200,000	400,000	400,000	400,000	100,000	100,000	100,000	100,000	2,400,000
501	OPS-018-07	Parking Garage Capital Rehabilitation Program	1,040,000	530,000	540,000	550,000	560,000	570,000	580,000	590,000	600,000	600,000	6,160,000
503	OPS-019-07	New Parking Lot Development	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
505	OPS-020-07	Parking Lot Rehabilitation Program	104,000	106,000	108,000	110,000	112,000	114,000	116,000	118,000	120,000	122,000	1,130,000
599	OPS-021-07	Traffic Calming Initiatives	200,000	0	0	0	0	0	0	100,000	0	0	300,000
494	OPS-022-07	Purchase of Fleet Additions and Upgrades	135,000	240,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,575,000
497	OPS-027-18	Greening the Fleet	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	450,000
530	TRN-001-07	Transit Windsor Fleet Replacement Program	0	3,997,180	4,800,000	5,701,947	2,192,375	3,952,638	6,458,059	4,200,000	4,200,000	4,200,000	39,702,199
532	TRN-001-16	Transit Windsor Fleet Refurbishment/Repair Costs	500,000	500,000	300,000	300,000	300,000	300,000	300,000	400,000	400,000	400,000	3,700,000
522	TRN-001-20	ICIP-Customer Stop Amenities	666,750	0	0	0	0	0	0	0	0	0	666,750
534	TRN-001-21	2021 Transit Windsor Master Plan Implementation	0	759,744	583,204	0	0	400,000	0	0	0	0	1,742,948
536	TRN-002-08	Transit Windsor Fleet Structural Repairs	302,500	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,102,500
524	TRN-002-20	ICIP-TW Master Plan Implementation- Phase 1	272,496	802,820	0	0	0	0	0	0	0	0	1,075,316
526	TRN-003-07	Transit Windsor - Shelters/Signage/Amenities Maintenance and Replacement	50,000	51,000	52,000	53,000	54,100	55,200	56,300	77,400	58,500	59,700	567,200
528	TRN-003-20	ICIP-Fleet Purchases	6,324,521	0	0	0	0	0	0	0	0	0	6,324,521
538	TRN-007-21	Support Vehicles	154,577	0	0	0	0	0	0	103,382	105,449	107,558	470,966

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
For Budget Year 2021

539	TRN-008-21	Reserve for Garage Future Needs	0	0	0	0	0	0	0	1,000,000	1,000,000	1,000,000	3,000,000
540	TRN-009-17	Restoration of Multiple Transit Windsor Pedestrian Shelters	20,000	0	0	0	0	0	0	0	0	0	20,000
<b>Transportation Total</b>			<b>14,476,025</b>	<b>15,752,080</b>	<b>11,488,355</b>	<b>16,076,556</b>	<b>9,817,672</b>	<b>13,683,838</b>	<b>16,275,309</b>	<b>17,312,782</b>	<b>17,202,949</b>	<b>13,383,058</b>	<b>145,468,624</b>

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
For Budget Year 2021

<b>Parks &amp; Recreation</b>													
<b>Page #</b>	<b>Project #</b>	<b>Project Name</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
145	ECB-004-18	Wigle Park Capital Improvements	0	0	325,000	0	145,000	0	0	0	0	0	470,000
146	ECB-011-18	Stodgell Park Redevelopment	0	0	460,000	0	0	0	0	0	0	0	460,000
147	ECB-026-18	Elizabeth Kishkon Park - Install Washroom	0	150,000	450,000	0	0	0	0	0	0	0	600,000
148	ECB-028-18	Improvements to Peche Island and Boat Access	0	0	800,000	0	0	0	0	0	0	0	800,000
150	ECB-029-18	Wayfinding Signage and Markers - Ganatchio Trail/Little River	0	0	100,000	0	0	0	0	0	0	0	100,000
151	ECB-041-18	Off-Road Cycling Trails	200,000	200,000	700,000	0	0	0	0	0	0	0	1,100,000
152	ENG-002-14	Festival Plaza Retaining Wall - Design & Construction & Facility Requirements	0	50,000	0	0	0	0	0	250,000	750,000	750,000	1,800,000
315	ENG-014-20	Ojibway Wildlife Overpass	250,000	0	0	0	0	1,500,000	0	0	0	0	1,750,000
225	ENG-033-17	Feasibility Study - WFCU Arena	90,000	0	0	0	0	0	0	0	0	0	90,000
470	OPS-001-15	Parks Equipment Replacement Program	831,000	688,000	637,000	1,127,000	393,000	726,000	623,000	219,000	676,000	1,437,000	7,357,000
154	PFO-001-14	Central Riverfront Park Improvements	0	479,621	0	0	0	0	0	0	0	0	479,621
156	PFO-001-16	New Greenhouse Complex Construction and Refurbishments	3,204,500	1,932,500	150,000	2,054,460	0	0	0	0	0	0	7,341,460
158	PFO-001-21	Waterfront Celestial Beacon - Home to Street Car 351	0	300,000	954,000	1,346,000	1,050,000	0	0	0	0	0	3,650,000
160	PFO-002-15	Playgrounds Replacement Program	1,826,021	1,977,448	1,343,875	2,510,302	2,226,728	2,903,000	3,053,000	2,600,000	2,600,000	2,600,000	23,640,374
162	PFO-002-21	Parks Drainage Improvements	125,000	125,000	175,000	175,000	175,000	200,000	200,000	200,000	200,000	200,000	1,775,000
164	PFO-003-15	Central Riverfront Festival Plaza- Phase One	0	0	1,000,000	2,000,000	500,000	100,000	100,000	1,200,000	700,000	700,000	6,300,000
166	PFO-003-18	Fred Thomas Splash Pad (Glengarry)	300,000	0	0	0	0	0	0	0	0	0	300,000
167	PFO-003-19	Parks Lighting	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
213	PFO-003-20	Holiday Lights Capital Maintenance	50,000	50,000	105,801	50,000	50,000	50,000	50,000	0	50,000	0	455,801
169	PFO-004-17	Forest Glade Basketball Court Renovation	200,000	0	0	0	0	0	0	0	0	0	200,000
170	PFO-004-19	Malden Park Drainage	100,000	0	0	0	0	0	0	0	0	0	100,000
171	PFO-004-21	Parks Sports Courts Improvements	500,000	0	300,000	0	50,000	0	0	0	0	0	850,000
172	PFO-005-12	Regional Parks Rehabilitation Program	955,000	200,000	0	400,000	300,000	500,000	600,000	300,000	300,000	300,000	3,855,000
174	PFO-005-18	Shorewall Capital Rehabilitation Program	135,621	425,003	8,885	511,266	592,000	592,000	592,000	600,000	600,000	600,000	4,656,775
175	PFO-005-19	Parks & Recreation Service and Infrastructure Program	0	0	500,000	500,000	500,000	0	0	0	0	0	1,500,000
176	PFO-005-20	Natural Areas Management Program	100,000	100,000	200,000	100,000	100,000	100,000	100,000	150,000	150,000	150,000	1,250,000
178	PFO-005-21	Park Splash Pads	50,000	50,000	50,000	50,000	0	0	0	0	0	0	200,000
180	PFO-006-12	Community Parks Rehabilitation Program	250,000	250,000	500,000	0	0	500,000	500,000	0	0	0	2,000,000
182	PFO-006-17	Realtor Park - Tennis Court Enhancements	75,000	0	0	0	0	0	0	0	0	0	75,000
183	PFO-006-18	Ditch Cutting Equipment for Vacant Properties/Phragmites Control	0	266,280	0	0	0	0	0	0	0	0	266,280
184	PFO-006-19	Recycling Silos in Parks	64,000	64,000	64,000	64,000	64,000	64,000	64,000	25,000	25,000	25,000	523,000
185	PFO-006-20	Riverfront Walkway Stabilization	0	0	0	0	1,500,000	500,000	0	500,000	500,000	500,000	3,500,000
186	PFO-007-11	Tree Maintenance Program	1,994,143	1,994,143	1,994,143	2,245,143	1,994,143	2,080,000	2,080,000	2,080,000	2,080,000	2,080,000	20,621,715
189	PFO-007-12	Neighbourhood Parks Rehabilitation Program	250,000	150,000	0	0	348,000	652,000	0	100,000	100,000	100,000	1,700,000

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
For Budget Year 2021

191	PFO-007-17	Washrooms at Alexander Park	320,000	0	0	0	0	0	0	0	0	0	320,000
192	PFO-008-12	New Park Design/Development/Construction	0	300,000	400,000	0	0	300,000	0	0	0	0	1,000,000
194	PFO-008-17	Riverfront Exercise Equipment	0	0	0	0	0	0	0	0	0	800,000	800,000
195	PFO-009-12	Park Bridges/Shelters/Buildings/Capital Rehabilitation Program	0	168,000	0	100,000	0	132,000	1,300,000	250,000	250,000	250,000	2,450,000
197	PFO-010-17	Dog Park Development	75,000	0	0	0	0	0	0	0	0	0	75,000
198	PFO-010-20	Park Bench Replacement Program	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
200	PFO-011-12	Beautification of Civic Gateways and Other Open Spaces	0	0	0	0	0	300,000	300,000	0	0	0	600,000
202	PFO-012-12	Park Trails Capital Rehabilitation Program	200,000	600,000	100,000	200,000	300,000	200,000	0	300,000	300,000	225,000	2,425,000
204	PFO-012-17	Central Park Tennis Court (Repave, New Nets, Paint)	100,000	0	0	0	0	0	0	0	0	0	100,000
205	PFO-013-12	Park-Related Parking Lots Capital Upgrades	200,000	200,000	200,000	100,000	350,000	500,000	200,000	300,000	300,000	300,000	2,650,000
207	PFO-014-12	Park Community Partnership Initiatives	25,000	25,000	25,000	25,000	25,000	0	0	25,000	25,000	25,000	200,000
209	PFO-015-12	Parks Master Plan	50,000	50,000	0	0	0	125,000	50,000	50,000	0	0	325,000
210	PFO-016-12	Parkland Acquisitions	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
211	PFO-017-12	Playground Equipment Removal	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
613	PLN-021-07	City Hall Square and Civic Esplanade	1,050,000	1,085,000	915,000	200,000	200,000	627,000	200,000	0	0	0	4,277,000
214	REC-001-08	The WFCU Centre Transitional Budget	0	400,000	0	0	0	0	0	0	0	0	400,000
224	REC-001-18	Monument and Memorial Capital Repairs	0	75,000	75,000	0	75,000	75,000	75,000	75,000	75,000	0	525,000
226	REC-002-07	Lakeview Park Marina Rehabilitation Program	2,651,240	360,114	950,000	50,000	50,000	34,000	34,000	275,000	275,000	275,000	4,954,354
215	REC-002-14	Relocation of Sandpoint Beach	0	0	0	227,500	0	0	0	300,000	300,000	300,000	1,127,500
217	REC-003-07	Municipal Pools Refurbishment Program	37,000	67,200	132,000	75,000	2,305,201	2,610,000	0	500,000	500,000	500,000	6,726,401
222	REC-004-07	Recreation Facility Refurbishment Program	50,000	50,000	50,000	300,000	50,000	100,000	50,000	300,000	300,000	300,000	1,550,000
133	REC-004-08	The WFCU Centre Capital Rehabilitation Program	978,441	0	650,000	0	200,000	540,000	790,000	300,000	300,000	300,000	4,058,441
<b>Parks &amp; Recreation Total</b>			<b>17,586,966</b>	<b>13,132,309</b>	<b>14,614,704</b>	<b>14,710,671</b>	<b>13,843,072</b>	<b>16,310,000</b>	<b>11,261,000</b>	<b>11,199,000</b>	<b>11,656,000</b>	<b>13,017,000</b>	<b>137,330,722</b>

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
For Budget Year 2021

<b>Corporate Property Infrastructure</b>													
<b>Page #</b>	<b>Project #</b>	<b>Project Name</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
306	ECP-001-16	New City Hall Construction	4,850,000	0	0	0	0	0	0	0	0	0	4,850,000
307	ECP-009-08	Corporate Properties Site Assessments/Clean-ups/Demolitions	200,000	200,000	0	0	0	0	0	0	0	0	400,000
82	ENG-006-17	Windsor International Aquatic Training Centre – Ongoing Capital Maintenance	0	150,000	150,000	971,500	568,500	150,000	150,000	300,000	300,000	300,000	3,040,000
84	ENG-007-17	Facility Equipment Replacement Program	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	0	0	350,000
85	ENG-010-17	Capitol Theatre Capital Rehabilitation Program	250,000	200,000	0	750,000	750,000	0	0	100,000	100,000	100,000	2,250,000
87	ENG-011-17	400 City Hall Square - Capital Repairs	500,000	0	129,700	1,690,300	0	500,000	500,000	100,000	100,000	100,000	3,620,000
572	ENG-041-17	Enwin Substations Acquisition (Avon/Mark Parks)	150,000	0	0	0	0	0	0	0	0	0	150,000
238	FIN-001-15	Sub-Metering - Energy Cost Savings Initiative	150,000	0	0	0	0	0	0	0	0	0	150,000
242	FIN-004-15	400 City Hall Square Energy Efficiency Upgrades	100,000	0	0	0	0	0	0	0	0	0	100,000
243	FIN-004-18	Enterprise Wide Energy Management System Software	0	0	0	0	0	0	0	0	0	300,000	300,000
245	FIN-007-15	Huron Lodge Energy Efficiency Initiatives - LED/Sub-Metering/HVAC Upgrades	50,000	0	0	0	0	0	0	0	0	0	50,000
554	FRS-001-18	Radio Service Monitor	0	45,000	0	0	0	0	0	0	0	0	45,000
543	FRS-001-19	Water Rescue Equipment - Fire & Rescue Division	0	0	0	0	0	0	0	0	0	130,000	130,000
557	FRS-002-16	Fire Engine Portable Hoists	80,000	0	0	0	0	0	0	0	0	0	80,000
558	FRS-002-18	Breathing Air-Compressor Replacement	0	100,000	0	0	0	0	0	0	0	0	100,000
546	FRS-002-19	Fire & Rescue - Forcible Entry Prop	0	0	0	20,000	0	0	0	0	0	0	20,000
548	FRS-002-21	Permanent Training Tower	0	0	0	0	0	0	0	200,000	0	0	200,000
549	FRS-003-13	New Fire Headquarters - Station #1	0	0	0	0	0	0	1,500,000	0	1,000,000	0	2,500,000
560	FRS-003-16	Fire Education Materials, Displays & Equipment	0	0	0	0	20,000	0	0	0	0	20,000	40,000
551	FRS-003-20	Fire & Rescue Washer Extractor	0	0	0	0	0	0	0	25,000	0	0	25,000
562	FRS-004-07	Firefighter Self-Contained Breathing Apparatus (SCBA) Replacement	0	0	0	0	0	0	0	0	1,400,000	0	1,400,000
564	FRS-004-18	Posichek Machine (SCBA tester)	0	25,000	0	0	0	0	0	0	0	0	25,000
568	FRS-005-18	Shop Air-Compressor	0	0	0	25,000	0	0	0	0	0	0	25,000
569	FRS-006-18	Hoist Replacement	0	0	0	0	0	0	0	240,000	60,000	0	300,000
552	FRS-007-18	Thermal Imaging Camera - Fire & Rescue Services	0	50,000	50,000	0	0	0	0	50,000	50,000	0	200,000
289	HCP-001-07	Accessibility - ODA Compliance	100,000	100,000	0	50,000	50,000	50,000	50,000	0	0	250,000	650,000
89	HCP-001-10	Corporate Facilities Water Backflow Prevention Program	0	100,000	0	0	0	0	0	0	0	0	100,000
91	HCP-002-07	Corporate Facilities Roof Replacement Program	410,000	400,000	400,000	400,000	400,000	1,700,000	200,000	1,150,000	2,820,000	1,560,000	9,440,000
94	HCP-002-09	Fire Hall Capital Refurbishment Program	0	100,000	150,000	0	0	0	150,000	0	0	0	400,000
96	HCP-005-08	Corporate Facilities Paving Program	1,215,000	1,070,000	100,000	2,315,000	3,150,000	0	500,000	1,000,000	1,000,000	1,000,000	11,350,000
98	HCP-010-07	Willistead Complex Capital Rehabilitation Program	0	900,000	50,000	50,000	650,000	1,500,000	550,000	75,000	75,000	75,000	3,925,000
64	HLD-001-12	Huron Lodge Nursing Equipment Replacement Program	150,000	450,000	50,000	50,000	50,000	75,000	75,000	200,000	200,000	200,000	1,500,000

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
**For Budget Year 2021**

77	HLD-001-13	Huron Lodge Beds/Mattresses/Furniture Replacement Program	100,000	100,000	100,000	100,000	100,000	200,000	200,000	0	300,000	200,000	1,400,000
66	HLD-001-15	Huron Lodge Ceiling Mounted Resident Lift Replacement Program	200,000	100,000	100,000	100,000	110,000	120,000	120,000	110,000	0	0	960,000
70	HLD-001-17	Huron Lodge Dietary Servery and Cafe Updates and Equipment Replacement	35,000	35,000	35,000	35,000	35,000	50,000	50,000	40,000	0	50,000	365,000
72	HLD-002-12	Huron Lodge Cooking and Food Preparation Equipment Replacement Program	40,000	40,000	40,000	0	42,000	45,000	45,000	0	0	50,000	302,000
79	HLD-002-17	Huron Lodge Resident Services Equipment Replacement	124,500	50,000	0	0	0	40,000	150,000	0	0	40,000	404,500
73	HLD-003-15	Huron Lodge Dish Machines and Industrial Kitchen Equipment	110,000	0	40,000	0	50,000	50,000	50,000	110,000	70,000	100,000	580,000
74	HLD-004-15	Huron Lodge Refrigeration and Freezer Equipment Replacement	0	175,000	0	0	0	175,000	100,000	0	0	250,000	700,000
298	HRS-002-08	Corporate Health and Safety Program - Assessments	10,000	0	0	0	0	0	0	0	0	117,250	127,250
295	HRS-002-17	Corporate Ergonomic Equipment	0	0	0	35,000	0	0	0	0	0	0	35,000
573	LGL-001-17	Former Marlborough Community Centre	0	60,000	0	0	0	0	0	0	0	0	60,000
577	LGL-001-20	Provincial Offences Division Renovations 350 City Hall	316,000	316,000	316,000	316,000	316,000	316,000	316,000	316,000	316,000	316,000	3,160,000
574	LGL-002-17	Demolition of Transitional Buildings	0	0	0	100,000	100,000	0	0	100,000	100,000	100,000	500,000
318	OPS-006-19	Food and Organic Waste Collection and Treatment	165,000	20,000	0	0	0	0	0	0	0	0	185,000
100	OPS-007-07	Public Works Operations Facilities Refurbishment	596,101	575,000	653,899	25,000	25,000	25,000	25,000	100,000	800,000	900,000	3,725,000
102	PFO-001-12	Corporate Properties Security Systems and Infrastructure	75,000	125,000	125,000	150,000	150,000	150,000	150,000	75,000	75,000	75,000	1,150,000
104	PFO-001-15	Huron Lodge Environmental Services Equipment Replacement	0	175,000	0	0	0	175,000	175,000	50,000	50,000	50,000	675,000
106	PFO-002-12	Facility Structural & Building Envelope Maintenance Program	500,000	50,000	50,000	50,000	550,000	150,000	500,000	750,000	1,000,000	1,500,000	5,100,000
108	PFO-002-14	Huron Lodge Facility Rehabilitation Program	0	0	0	0	750,000	750,000	100,000	100,000	100,000	100,000	1,900,000
110	PFO-002-18	Facility & Parks Building Demolitions	0	100,000	100,000	100,000	0	100,000	100,000	0	0	0	500,000
112	PFO-002-19	Fountain Restoration and Repairs	0	449,500	750,500	250,000	1,250,000	500,000	660,000	1,050,000	50,000	50,000	5,010,000
114	PFO-003-11	Corporate Designated Substance Remediation Program	0	0	0	0	0	50,000	50,000	50,000	50,000	50,000	250,000
116	PFO-003-13	401 Riverside Drive W Capital Refurbishment	75,000	25,000	125,000	0	0	125,000	125,000	125,000	100,000	100,000	800,000
117	PFO-003-14	Corporate Facilities Boiler Replacement Program	0	50,000	50,000	50,000	50,000	950,000	150,000	50,000	50,000	50,000	1,450,000
119	PFO-004-12	Corporate Facilities Building Condition Assessments	50,000	50,000	50,000	0	0	200,000	200,000	200,000	100,000	100,000	950,000
121	PFO-004-20	Windsor Lawn Bowling Club Exterior Repairs	0	100,000	100,000	0	0	0	0	100,000	50,000	50,000	400,000
122	PFO-008-21	Corporate Electrical Replacement/Repair Program	0	0	0	0	0	0	0	750,000	150,000	150,000	1,050,000
123	PFO-009-11	Corporate Heating & Cooling Replacement/Repair Program	400,000	1,335,000	1,350,000	100,000	500,000	1,130,000	600,000	1,000,000	1,500,000	1,800,000	9,715,000
125	PFO-010-11	Corporate Facilities Interior Renovation Program	0	100,000	100,000	50,000	50,000	100,000	100,000	750,000	750,000	750,000	2,750,000
127	PFO-013-21	Corporate Facility Equipment Maintenance Program	63,000	232,800	48,000	75,000	85,000	1,090,000	2,000,000	150,000	0	0	3,743,800
129	PFO-014-07	Corporate Facilities Health & Safety Compliance	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
131	PFO-014-21	Access Control System Replacement	0	0	0	0	0	0	0	1,850,000	0	0	1,850,000
138	REC-005-07	Corporate Arena Refurbishments	250,000	375,000	200,000	1,000,000	200,000	1,090,000	1,000,000	0	0	0	4,115,000
143	REC-006-07	Mackenzie Hall Repair and Maintenance	0	50,000	250,000	0	0	375,000	2,150,000	0	0	300,000	3,125,000
<b>Corporate Property Infrastructure Total</b>			<b>11,414,601</b>	<b>8,728,300</b>	<b>5,813,099</b>	<b>9,007,800</b>	<b>10,151,500</b>	<b>12,081,000</b>	<b>12,941,000</b>	<b>11,416,000</b>	<b>12,816,000</b>	<b>11,383,250</b>	<b>105,752,550</b>

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
For Budget Year 2021

<b>Corporate Technology</b>													
<b>Page #</b>	<b>Project #</b>	<b>Project Name</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
240	FIN-001-17	Asset Planning Service Design and Implementation	0	0	0	0	0	0	250,000	150,000	400,000	150,000	950,000
246	FIN-001-20	Accounts Payable Business Process Review	160,000	0	0	0	0	0	0	0	0	0	160,000
249	FIN-002-21	Corporate PCI (Payment Card Industry) Compliance	280,000	0	0	0	0	0	0	0	0	0	280,000
545	FRS-001-20	Technology Replacements - Emergency Operations Centre (EOC)	0	0	0	0	0	150,000	150,000	0	0	50,000	350,000
555	FRS-002-07	Fire & Rescue Computer-aided Dispatch System (CRISYS)	0	0	50,000	0	0	50,000	0	0	50,000	0	150,000
566	FRS-004-19	WFRS - Next Gen 911 Telecommunications Rehabilitation Program	225,000	0	0	300,000	1,600,000	0	0	0	0	0	2,125,000
62	HLD-001-11	Huron Lodge Point of Care Technology Implementation including Wireless and Wired Care	0	0	0	0	0	0	100,000	0	0	0	100,000
68	HLD-002-15	Huron Lodge Resident Monitoring & Nurse Bedside Call System	20,000	0	100,000	0	25,000	20,000	20,000	0	120,000	0	305,000
75	HLD-006-15	Huron Lodge Dietary Management System Maintenance	0	75,000	105,000	0	35,000	0	70,000	0	0	0	285,000
293	HRS-002-11	Corporate Employee Online Training Programs	20,000	0	0	0	0	0	0	0	0	0	20,000
251	ITC-001-08	Information Technology Business Continuity Improvements	100,000	200,000	150,000	150,000	100,000	0	0	75,000	50,000	50,000	875,000
263	ITC-001-09	Corporate Facilities Content Access Improvements	0	200,000	0	0	0	0	0	75,000	75,000	50,000	400,000
253	ITC-001-10	Smart Community Initiative	96,400	200,000	200,000	200,000	200,000	200,000	200,000	50,000	50,000	50,000	1,446,400
261	ITC-001-12	Fire and Rescue Records Management and Computer Aided Dispatch System Initiatives	800,000	0	0	0	0	100,000	100,000	200,000	200,000	200,000	1,600,000
255	ITC-001-13	Corporate Integration of Mobile Technologies	375,000	0	300,000	0	0	0	625,000	50,000	50,000	50,000	1,450,000
274	ITC-001-18	Online Access for Non-Network Users	200,000	100,000	0	0	0	0	0	0	0	0	300,000
265	ITC-001-19	Funding for Microsoft Software	0	0	0	0	0	600,000	600,000	900,000	900,000	900,000	3,900,000
267	ITC-001-21	Records Management - Replacement of Live Link System	40,000	0	0	0	0	0	0	0	0	0	40,000
277	ITC-002-07	Corporate Electronic Storage and Retrieval Systems Upgrades	150,000	150,000	150,000	150,000	100,000	100,000	100,000	125,000	100,000	100,000	1,225,000
268	ITC-002-19	Municipal Tax System	1,795,500	0	1,341,000	0	0	530,000	0	0	0	0	3,666,500
279	ITC-003-07	Information Technology Network Infrastructure Improvements	250,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,050,000
257	ITC-003-19	Southwest Integrated Fibre Technology (SWIFT) Network	63,600	0	0	0	0	0	0	0	0	0	63,600
281	ITC-005-07	Corporate Data & Network Security Initiatives	176,000	300,000	300,000	300,000	100,000	100,000	100,000	100,000	100,000	100,000	1,676,000
283	ITC-006-07	Information Technology Disaster Recovery Initiatives	100,000	100,000	100,000	100,000	100,000	100,000	100,000	150,000	150,000	150,000	1,150,000
259	ITC-007-07	Corporate Intranet Redesign & Internet Accessibility Improvements	0	850,000	0	0	850,000	0	0	150,000	125,000	150,000	2,125,000
270	ITC-008-07	Corporate Enterprise Resource Planning (ERP) System	250,000	250,000	250,000	0	516,696	2,000,000	2,154,473	1,750,000	2,250,000	2,000,000	11,421,169
272	ITC-011-07	AMANDA Information System Upgrades and Improvements	200,000	300,000	200,000	200,000	200,000	0	0	250,000	250,000	250,000	1,850,000
285	ITC-012-07	Corporate Telephone System Upgrades/Replacement	200,000	300,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,300,000
478	OPS-001-20	Corporate Fleet Software System	50,000	85,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	535,000
513	OPS-004-19	Infor Hansen Infrastructure Management System	90,000	0	0	0	0	65,000	65,000	0	0	0	220,000

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
 For Budget Year 2021

607	PLN-005-07	Planning & Building E-Plan & E-Permit Review and Implementation	0	0	0	28,140	0	0	0	0	0	0	28,140
<b>Corporate Technology Total</b>			<b>5,641,500</b>	<b>3,310,000</b>	<b>3,596,000</b>	<b>1,778,140</b>	<b>4,176,696</b>	<b>4,365,000</b>	<b>4,984,473</b>	<b>4,375,000</b>	<b>5,220,000</b>	<b>4,600,000</b>	<b>42,046,809</b>

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
For Budget Year 2021

<b>Community &amp; Economic Development</b>													
<b>Page #</b>	<b>Project #</b>	<b>Project Name</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
229	CAO-001-16	Paul Martin Bldg. Placeholder	500,000	750,000	926,540	917,540	5,160,304	0	0	0	0	0	8,254,384
231	CAO-002-18	New Windsor-Essex Hospital System Plan	0	0	6,900,000	6,900,000	6,900,000	6,900,000	6,900,000	6,200,000	0	0	40,700,000
288	ECB-039-18	Ward Funds	0	0	1,600,000	0	0	0	0	0	0	0	1,600,000
601	ECB-042-18	Theme Districting - Downtown, Sandwich, Walkerville, Riverside, Ford City, Asian Town	946,000	300,000	3,595,000	0	0	0	0	0	0	0	4,841,000
237	ECB-044-18	Financing Charges	0	0	75,000	0	0	0	0	0	0	0	75,000
313	ENG-004-21	Airport Employment Lands	0	0	0	1,900,000	0	0	0	0	0	0	1,900,000
316	ENG-016-20	Kauth's Expansion Plan	0	1,175,000	0	0	0	0	0	0	0	0	1,175,000
317	ENG-027-17	Wyandotte Town Centre's World Marketplace Redevelopment - Phase 1	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000
248	FIN-001-14	Development Charges Study and Bylaw Update	0	0	0	50,000	50,000	0	0	0	60,000	60,000	220,000
241	FIN-001-19	Grant Matching Funding and Mitigating Inflationary Pressures	1,087,751	1,287,751	1,037,751	1,237,751	1,287,751	2,237,751	2,750,000	1,000,000	2,675,616	1,475,000	16,077,122
233	FIN-006-16	(Legislated) Liability for Contaminated Sites	0	100,000	0	0	0	0	0	0	0	0	100,000
570	FRS-008-18	WFRS - Development of the Strategic Plan and Accreditation Process	37,330	0	0	0	0	0	0	0	0	0	37,330
291	HRS-001-19	Diversity and Inclusion Initiative (Phases 1 and 2)	0	50,000	50,000	30,000	0	0	0	0	0	0	130,000
575	LGL-003-17	Confidential Property Related Matters - In-Camera Items	500,000	0	0	0	0	0	0	0	0	0	500,000
52	MAY-001-19	Windsor Works	500,000	1,000,000	1,000,000	0	0	0	0	0	0	3,000,000	5,500,000
53	MAY-001-21	City of Windsor Anti-Racism Initiative	200,000	0	0	0	0	0	0	0	0	0	200,000
580	PBG-001-18	Official Plan Review	0	0	0	0	0	0	0	0	500,000	300,000	800,000
603	PBG-001-21	Affordable Housing Community Improvement Plan Incentives	0	0	0	0	0	0	0	0	250,000	0	250,000
581	PBG-002-14	Serviced Employment Lands/Shovel Ready Sites Program	50,000	0	0	0	0	0	0	0	0	0	50,000
583	PBG-002-18	Comprehensive Zoning B-Law	0	250,000	0	0	0	0	0	0	350,000	100,000	700,000
604	PBG-002-21	University Avenue West/Wyandotte St West CIP Incentives	0	0	0	0	0	0	0	0	100,000	0	100,000
579	PBG-003-18	Annexed Lands Growth/Development - Stormwater Financing Study	0	670,000	0	0	0	0	0	0	0	0	670,000
605	PBG-003-21	Ford City CIP	0	0	0	0	0	0	0	0	100,000	0	100,000
606	PBG-004-21	Sandwich Community Development Plan	0	0	0	0	0	0	0	0	100,000	0	100,000
584	PLN-007-07	Growth Management Plan Review and Implementation	0	0	0	0	0	0	0	0	100,000	0	100,000
586	PLN-008-07	"Green Windsor" Protection and Funding Strategy	0	0	0	0	0	100,000	0	0	0	0	100,000
588	PLN-010-07	Heritage Preservation Study and Identification of Incentives	435,000	0	0	0	0	0	0	0	0	0	435,000
609	PLN-012-07	City Centre Community Development Plan	0	0	0	0	0	500,000	0	0	415,000	250,000	1,165,000
611	PLN-018-07	Neighbourhood Studies and Design Guidelines	25,000	0	0	0	0	0	0	0	0	0	25,000
<b>Community &amp; Economic Development Total</b>			<b>4,281,081</b>	<b>5,582,751</b>	<b>15,184,291</b>	<b>12,035,291</b>	<b>13,398,055</b>	<b>9,737,751</b>	<b>9,650,000</b>	<b>7,200,000</b>	<b>4,650,616</b>	<b>5,185,000</b>	<b>86,904,836</b>

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
 For Budget Year 2021

<b>Capital Reserve Replenishment</b>													
<b>Page #</b>	<b>Project #</b>	<b>Project Name</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
	235 FIN-009-15	Capital Reserve Replenishment Allocation	3,450,000	3,170,000	3,170,000	3,170,000	3,170,000	3,170,000	3,170,000	0	0	0	22,470,000
<b>Capital Reserve Replenishment Total</b>			<b>3,450,000</b>	<b>3,170,000</b>	<b>3,170,000</b>	<b>3,170,000</b>	<b>3,170,000</b>	<b>3,170,000</b>	<b>3,170,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22,470,000</b>

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
For Budget Year 2021

<b>Agencies, Boards and Committees (ABC's)</b>													
<b>Page #</b>	<b>Project #</b>	<b>Project Name</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
27	ECP-010-09	Airport Various Asset Replacement/Refurbishment/Upgrades	0	1,205,000	280,000	710,000	500,000	0	0	0	0	0	2,695,000
28	ECP-046-07	Airport Drainage and Pavement Improvements	380,000	300,000	195,000	0	0	1,450,000	100,000	100,000	100,000	100,000	2,725,000
311	ENG-003-18	Sandwich Library	0	500,000	0	0	0	0	0	0	0	0	500,000
56	HCS-001-07	City Housing Reserve Fund	0	1,250,000	1,250,000	0	0	0	0	600,000	600,000	600,000	4,300,000
59	HCS-001-14	Windsor Essex Community Housing Corporation Capital Improvements	3,506,693	7,435,523	3,200,000	3,200,000	6,230,303	3,200,000	3,200,000	3,200,000	3,200,000	0	36,372,519
33	ITC-002-16	Corporate Radio Infrastructure	3,100,000	3,100,000	0	0	1,600,000	600,000	0	0	0	0	8,400,000
36	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	1,268,000	1,268,000	12,680,000
38	POL-001-11	Windsor Police Service - Jefferson Operational Support Services Facility	0	500,000	0	0	0	0	0	0	0	0	500,000
40	POL-001-20	Advanced Analytics and Process Optimization	0	0	0	0	0	250,000	250,000	640,000	600,000	600,000	2,340,000
42	POL-002-19	Windsor Police Service - Specialized Equipment	335,000	230,000	510,000	700,000	820,000	500,000	225,000	795,000	375,000	150,000	4,640,000
43	POL-003-19	Windsor Police Service - Technology Projects	501,000	375,000	425,000	425,000	425,000	425,000	350,000	450,000	450,000	450,000	4,276,000
45	POL-004-19	Windsor Police Service - Telecommunications	450,000	400,000	425,000	400,000	200,000	600,000	800,000	300,000	550,000	300,000	4,425,000
47	POL-005-19	Windsor Police Service - Facility Projects	560,000	340,000	350,000	200,000	250,000	100,000	150,000	150,000	150,000	150,000	2,400,000
49	POL-007-13	Windsor Police Service Business Intelligence Technology and Processes Improvements	500,000	0	0	0	0	0	0	0	0	0	500,000
25	RGC-001-18	Roseland/Little River Golf Courses Asset Replacement/Improvements	283,616	2,107,000	0	0	250,000	665,000	0	320,000	843,384	331,000	4,800,000
23	TRN-005-07	Handi-Transit Bus Acquisitions	400,000	120,000	120,000	0	0	555,000	155,000	300,000	300,000	300,000	2,250,000
300	WPL-001-17	Windsor Public Library Refurbishments	71,344	89,180	33,752	46,000	46,000	31,000	48,000	0	0	0	365,276
301	WPL-001-20	WPL Electronic Signs	0	0	0	0	0	0	0	0	90,000	0	90,000
302	WPL-002-18	Windsor Public Library Materials Acquisitions	150,000	125,000	125,000	150,000	150,000	150,000	150,000	200,000	200,000	0	1,400,000
304	WPL-002-20	Library Self Checkouts	0	0	0	0	0	0	0	40,000	40,000	80,000	160,000
<b>Agencies, Boards and Committees (ABC's) Total</b>			<b>11,505,653</b>	<b>19,344,703</b>	<b>8,181,752</b>	<b>7,099,000</b>	<b>11,739,303</b>	<b>9,794,000</b>	<b>6,696,000</b>	<b>8,363,000</b>	<b>8,766,384</b>	<b>4,329,000</b>	<b>95,818,795</b>
<b>Grand Total</b>			<b>169,873,655</b>	<b>161,063,852</b>	<b>161,217,966</b>	<b>165,027,474</b>	<b>169,755,442</b>	<b>159,956,595</b>	<b>153,909,483</b>	<b>155,093,579</b>	<b>154,922,200</b>	<b>147,268,479</b>	<b>1,598,088,725</b>

# **2021 Approved Capital Budget**



## **SECTION D:**

### **Capital Project Summaries**

#### **Agencies, Boards & Committees**



# Project Version Summary

<b>Project #</b>	TRN-005-07	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2021	<b>Department</b>	Agencies
<b>Asset Type</b>	Unassigned	<b>Division</b>	External Agencies
<b>Title</b>	Handi-Transit Bus Acquisitions		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				2021: Purchase 2 replacement vehicles - approximate cost \$152,488 each plus applicable HST. - \$310,343  Additional funding in future years will be used to continue to replace Handi Transit buses that are required in order to maintain the fleet and retire buses which have exceeded their useful life.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
(7081003/7091038/7151008/7161043 Closed) 7191019																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	400,000	400,000	0													
2022	120,000	120,000	0													
2023	120,000	120,000	0													
2024	0	0	0													
2025	0	0	0													
2026	555,000	555,000	0													
2027	155,000	155,000	0													
2028	300,000	300,000	0													
2029	300,000	300,000	0													
2030	300,000	300,000	0													
<b>2,250,000</b>				<b>2,250,000</b>												
<b>Expenses</b>																
				<b>5110</b>	<b>Machinery &amp; Equipment - TCA</b>											
					400,000	120,000	120,000	0	0	555,000	155,000	300,000	300,000	300,000	2,250,000	
				<b>Total</b>	<b>400,000</b>	<b>120,000</b>	<b>120,000</b>	<b>0</b>	<b>0</b>	<b>555,000</b>	<b>155,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>2,250,000</b>	
<b>Revenues</b>																
				<b>169</b>	<b>Pay As You Go - Capital Reserve</b>											
					400,000	120,000	120,000	0	0	555,000	155,000	300,000	300,000	300,000	2,250,000	
				<b>Total</b>	<b>400,000</b>	<b>120,000</b>	<b>120,000</b>	<b>0</b>	<b>0</b>	<b>555,000</b>	<b>155,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>2,250,000</b>	
<b>Historical Approved Budget</b>																
				<b>Revenue</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
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													
2020	240,000	240,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				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 2021	Project Lead	Est. Completion Date
2007	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %	Lori Colenutt	2020+



## Project Version Summary

<b>Project #</b>	RGC-001-18	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2021	<b>Department</b>	Roseland Golf & Country Club
<b>Asset Type</b>	Unassigned	<b>Division</b>	Roseland Operations
<b>Title</b>	Roseland/Little River Golf Courses Asset Replacement/Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	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 provides for some more of the more immediate capital needs and is supported by reports and conditions of capital assets.</p> <p>Further, the strategic plan completed in 2020 in conjunction with Global Golf Advisors, a third party industry consultant, highlighted that Roseland required capital support to address the aging and inefficient clubhouse. The consultant is now working on a clubhouse feasibility study in 2021, which will provide a more detailed clubhouse recommendation.</p> <p>A new clubhouse will allow Roseland to operate more efficiently and to showcase itself as an updated full service facility, and the only municipally owned Donald Ross designed course in Canada.</p>	
Project Comments/Reference	Version Comments
7184003	<p>COMMITMENTS:            CR176/2018 - C 43/2018 - 2022 F169 \$100,000            CR261/2019 - C 96/2019 - 2021 F169 \$188,000 - 2022 F169 \$177,000</p> <p>B6/2021, C 14/2021- RGC-001-18 receiving \$95,616 in reallocated 2020 placeholder funding from the Paul Martin Building project, CAO-001-16</p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	283,616	188,000	95,616	5110	Machinery & Equipment - TCA										
2022	2,107,000	2,107,000	0		283,616	2,107,000	0	0	250,000	665,000	0	320,000	843,384	331,000	4,800,000
2023	0	0	0	Total	283,616	2,107,000	0	0	250,000	665,000	0	320,000	843,384	331,000	4,800,000
2024	0	0	0	Revenues											
2025	250,000	250,000	0	169	Pay As You Go - Capital Reserve										
2026	665,000	665,000	0		0	1,000,000	0	0	250,000	665,000	0	320,000	843,384	331,000	3,409,384
2027	0	0	0	169CF	Committed Funding										
2028	320,000	320,000	0		188,000	277,000	0	0	0	0	0	0	0	0	465,000
2029	843,384	843,384	0	221	Service Sustainability Investm										
2030	331,000	331,000	0		0	830,000	0	0	0	0	0	0	0	0	830,000
	<b>4,800,000</b>	<b>4,704,384</b>	<b>95,616</b>	7052	TRANSFER From Capital Projects										
					95,616	0	0	0	0	0	0	0	0	0	95,616
				Total	283,616	2,107,000	0	0	250,000	665,000	0	320,000	843,384	331,000	4,800,000
Historical Approved Budget				Operating Budget Impact											
Related Projects															
Year Identified	Start Date	Project Type for 2021		Project Lead					Est. Completion Date						
2018	January 1, 2018	Growth: 100.0 % Maintenance: 0.0 %		Dave Deluzio					2023+						



# Project Version Summary

<b>Project #</b>	ECP-010-09	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2021	<b>Department</b>	Windsor Airport
<b>Asset Type</b>	Unassigned	<b>Division</b>	Windsor-Airport
<b>Title</b>	Airport Various Asset Replacement/Refurbishment/Upgrades		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
The YQG letter outlines a list of projects required over the next 8 years to be funded by YQG.	

<b>Project Comments/Reference</b>	<b>Version Comments</b>
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.

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	5410	Construction Contracts - TCA											
2022	1,205,000	0	1,205,000		0	1,205,000	280,000	710,000	500,000	0	0	0	0	0	2,695,000	
2023	280,000	0	280,000		Total	0	1,205,000	280,000	710,000	500,000	0	0	0	0	2,695,000	
2024	710,000	0	710,000	<b>Revenues</b>												
2025	500,000	0	500,000	6560	Dividends											
2026	0	0	0		0	1,205,000	280,000	710,000	500,000	0	0	0	0	0	2,695,000	
2027	0	0	0		Total	0	1,205,000	280,000	710,000	500,000	0	0	0	0	2,695,000	
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>2,695,000</b>	<b>0</b>	<b>2,695,000</b>													

<b>Historical Approved Budget</b>			
<b>Revenue</b>			
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>
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
2020	2,900,000	0	2,900,000

<b>Related Projects</b>		<b>Operating Budget Impact</b>			
<b>Precedes</b>	<b>Project Title</b>	<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>
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

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2009	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %	France Isabelle Tunks	Ongoing



## Project Version Summary

<b>Project #</b>	ECP-046-07	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2021	<b>Department</b>	Windsor Airport
<b>Asset Type</b>	Unassigned	<b>Division</b>	Windsor-Airport
<b>Title</b>	Airport Drainage and Pavement Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b> YQG has requested funding for several drainage and pavement related improvements as outlined in the attached YQG letter.	<b>Version Description</b>
<b>Project Comments/Reference</b> (Closed: 7059011/7111009) 7141054 Drainage/Pavement Improv.  See attached YQG letter approved by YQG Board of Directors.	<b>Version Comments</b>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	380,000	380,000	0	5410	Construction Contracts - TCA										
2022	300,000	300,000	0		380,000	300,000	195,000	0	0	1,450,000	100,000	100,000	100,000	100,000	2,725,000
2023	195,000	195,000	0		Total	380,000	300,000	195,000	0	0	1,450,000	100,000	100,000	100,000	2,725,000
2024	0	0	0	Revenues											
2025	0	0	0	028	Sewer Surcharge										
2026	1,450,000	1,450,000	0		220,000	150,000	95,000	0	0	1,350,000	0	0	0	0	1,815,000
2027	100,000	100,000	0	160	Capital Expenditure Reserve										
2028	100,000	100,000	0		0	125,000	100,000	0	0	0	0	0	0	0	225,000
2029	100,000	100,000	0	169	Pay As You Go - Capital Reserve										
2030	100,000	100,000	0		160,000	25,000	0	0	0	100,000	100,000	100,000	100,000	100,000	685,000
	<b>2,725,000</b>	<b>2,725,000</b>	<b>0</b>	Total	380,000	300,000	195,000	0	0	1,450,000	100,000	100,000	100,000	100,000	2,725,000
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												
2020	380,000	380,000	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 2021		Project Lead				Est. Completion Date							
2007	January 1, 2015	Growth: 42.1 % Maintenance: 57.9 %		France Isabelle Tunks				Ongoing`							

December 4, 2020

VIA EMAIL and MAIL

Mr. Onorio Colucci  
Chief Administrative Officer – Corporation of the City of Windsor  
350 City Hall Square East  
Windsor, Ontario  
N9A 6S1

RE: 2021 Capital Budget Plan

Dear Mr. Colucci:

Your Quick Gateway Inc. ('YQAG') hereby requests your consideration for the funding of the 2021 Capital Budget 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 YQAG provides as follows:

YQAG 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 YQAG and approved by the Airport Coordinating Committee.

2021 Capital Budget and Covid-19 Considerations

Given the impact that Covid-19 has had on the airport and the airline sector, with a recovery period that will likely go well into 2021 and perhaps beyond, it is prudent to examine our Capital budget expenditures on a year-by-year basis.

YQAG, in consultation with the Airport Coordinating Committee (ACC), has prepared an intended 2021 Capital plan with spending in the amount of \$2,201,000. In 2021 that represents projects that were deferred and funded from 2020 and/or previous years. Specifically, these projects include replacement of the emergency power feeds, replacement of 6 automatic entrance doors at the ATB, replacement of YQAG's backhoe, LED lighting upgrades for runway 12-30 (approved by the ACC from surplus funds), design and construction related to the rehabilitation of Apron 1 and design of rehabilitation of Hayes Road/Commercial Road (see table below). These projects will utilize dividends previously declared by YQAG and have been paid to the Corporation of the City of Windsor in prior years. No new funding is required for these projects.

2021 Capital Budget Item	Cost
Power Feeds Replacement	\$210,000
Automatic Doors (6 - ATB)	\$65,000
Back Hoe Replacement	\$175,000
LED Lighting Upgrades (Runway 12-30)	\$151,000
Design of Apron 1, Hayes Rd & Commercial Drive	\$200,000
Construction of Apron 1	\$1,400,000
<b>TOTAL</b>	<b>\$2,201,000</b>

YQG is requesting capital assistance for airport drainage works, from the Sewer Surcharge funds over the next 10 years. These funds will be used for maintenance and improvements to the open Municipal drains and ditches crossing Airport property, rehabilitation and replacement of sub-surface drainage lines under the runways and taxiways and maintenance and replacement of the surface and sub-surface drainage systems at the ATB and in the general aviation area.

Year and Value of Drainage Work									
2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
\$380,000	\$300,000	\$195,000	\$300,000	\$300,000	\$150,000	\$250,000	\$250,000	\$300,000	\$300,000

Given the impact of COVID-19 on the air sector, the Federal government has indicated the potential for capital grants for airports. This potential, coupled with the likelihood that construction estimates for Apron 1 will exceed the allocated budget amount, dictate that the tendering and construction of this project be deferred until such time as the availability of grants has been exhausted and a fulsome budget estimate, and funding source, has been identified.

Under the same rationale, it is also recommended that monies for the reconstruction of Hayes Road and Commercial Drive be also deferred pending the availability of infrastructure grants. Reconstruction of Hayes Road and Commercial Drive was previously earmarked in the 2020 capital budget year to 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. In light of the impacts of COVID19 on the airport's operations, and the potential for government grants, it is proposed that the funding source for this necessary project be identified once government assistance to fund this project has been exhausted.

While future Capital Budgets will be subject to consideration by the YQG Board and Airport Coordinating Committee, to fulfill the terms of the Management Agreement, YQG is providing a tentative 10-year capital forecast detailed below. These projects are expected to be funded from any remaining monies from dividends previously declared remaining with the Corporation of the City of Windsor accounts and/or future declaration of Capital dividends by the YQG Board. As this is a tentative forecast, a Capital budget for years beyond 2021 will be examined and agreed to by the YQG Board in consultation with the Airport Coordinating Committee. It is also the intent to utilize restricted accounts – earmarked stormwater drainage and pavement rehabilitation accounts where possible.

Below are YQG's long-term 10-year Capital priorities, for inclusion in future Capital budgets.

Project	Estimated Cost
Replace 1995 Aircraft Firefighting Truck	1,000,000
Replacement of 1992 Front End Loader	425,000
Replace 1988 Tandem Axle Dump / Plow Truck	225,000
Replacement of the Sand Storage Building	275,000
Replace 2001 Runway 14 foot Sweeper (sweeper)	325,000
Design and Rehabilitation of Alpha Taxiway	550,000
Replacement of 1986 Runway Sander De-icer Truck	225,000
Replace 2001 Single Axle Dump Truck with Snow Plow	175,000
Replace 2000 Single Axle Dump Truck with Reversible Snow Blade	175,000
Replace 3 Operations Pick-up Trucks	160,000
Replace 20 ft. Tow Mower	45,000
Replace 2 Yard Mowers	60,000
<b>Total</b>	<b>3,640,000</b>

Project	Estimated Cost
Replacement of the International Baggage Conveyor	300,000
ATB Improvements and Expansion preliminary design	235,000
Renovation and Addition to Operations Centre Building	450,000
Upgrade / Replace Airport Security Camera System	365,000
Design and Engineering for Runway 07-25 pavement & High Voltage Cables and Lighting	250,000
Replacement of the Emergency Power Generator	300,000
Approach Lighting for Runway 12 - 30	1,500,000
Design and Rehabilitation of Delta taxi and Apron III	3,200,000
Replace the DX Air Handling Units serving the 3rd Floor and Control Tower Cab	160,000
Replace 2 Air Handling Units Serving ATB Main Floor	200,000
Replace 2 Rooftop Heating / Cooling Units	220,000
<b>Total</b>	<b>7,180,000</b>

**Grand Total 10,820,000**

Thank you for your consideration of the above.

Sincerely,

YOUR QUICK GATEWAY (WINDSOR) INC.



Mark Galvin  
Chief Executive Officer

c. Mayor Drew Dilkens, Chairperson of the Board of YQG Inc.



# Project Version Summary

<b>Project #</b>	ITC-002-16	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2021	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Corporate Radio Infrastructure		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

## Project Description

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 recommendation is to approve the funds identified in ITC-002-16 for 2021, 2022, 2025 and 2026, all funded from the dedicated funding source Reserve Fund 198 ("Radio Reserve"). The capital funds are required for system upgrades of end user devices and other equipment not covered under the service agreement with the system vendor. Reserve Fund 198 anticipated and is sufficiently funded for these capital expenditures.

Capital Project ITC-002-16 ("Corporate Radio Infrastructure"), and the 2021, 2022, 2025 and 2026 funding requirements, were approved in principle during the 2016 capital budgeting process. This is a corporate-wide project, with many City departments and agencies relying on the corporate radio system. 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.

The corporate radio system, an ASTRO P25 Digital Voice Radio Communications System from Motorola Solutions, was purchased in 2008 and implemented in 2009. 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). As part of the annual maintenance agreement with Motorola, the infrastructure has been upgraded in 2016, 2018 and 2020. End User Devices and Transmission Equipment are not upgraded as part of the Motorola maintenance agreement.

The corporate radio system is governed by a Steering Committee that is chaired by the CAO, and includes the Police Chief, the Fire Chief, the Chief Financial Officer/City Treasurer, the City Solicitor, and other senior leadership members. At its May 2020 meeting, the Steering Committee approved the following recommendation: "THAT that the City of Windsor Radio Communications and Dispatch Steering Committee AUTHORIZE the Windsor Police Service and the Windsor Fire and Rescue Service to commence the portable radio replacement plan outlined in the report to the Steering Committee, dated March 15,

## Version Description

Recommendations as noted in the November 2, 2015 Corporate Radio System Infrastructure Upgrade Council Report (Report #18016), approved via CR209/2015:

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.

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.

- 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

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.

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.

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.

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.

VI.

2020.” The plan presented to the Steering Committee is as follows:  
The City’s End User Devices were implemented in 2009 with an expected useful service life until approximately 2021-2023. The City was aware that Motorola support (parts, software and labour) for the City’s End User Devices was scheduled to cease in 2019. Note: the City did not have a support and maintenance agreement for End User Devices. Maintenance was provided on a time and materials basis. The City anticipated that the End User Devices would have a useful beyond the end of Motorola support. Motorola’s End of Support Notice is attached as APPENDIX “B”.

The costs of new End User Devices have increased since the 2021/2022 projections were developed in 2015. It is not certain if the projected \$6.2 million would be sufficient to fund the replacement of all City radios. However, the radio support team believes that many of the City radios have useful service life remaining. Specifically, they would be suitable for non-first-responder functions for several years. The following is the recommended strategy from WFRS and WPS to reduce the total cost of radio system ownership and to defer expenditures required for the replacement of End User Devices, relative to the original plan to replace all radios in 2021/2022:

- Identify the portable radio needs at WFRS and WPS (quantities, features and model numbers).
- Issue a Request for Tender to replace the portable radios at WFRS and WPS to ensure that the “out-of-support” portable radios do not cause public safety issues.
  - o Specify “Motorola radios” in the Tender. There are many Motorola certified resellers who will be able to bid on a Tender for Motorola radios. The skills for supporting Motorola radios and the familiarity of using Motorola radios have been established since the 2009 implementation. Additionally, the radio system Infrastructure is a Motorola system. The radios for the other departments and agencies will remain Motorola radios. All WFRS and WPS in-vehicle radios are Motorola radios. The radios at the WFRS and WPS dispatch centers are Motorola radios. If the City considered accepting other radio manufacturers through this Tender, the potential mixed environment would create risks, support inefficiencies, and user inefficiencies that are not acceptable. The City would also have increased hard and soft supports costs related to maintaining two sets of support tools, support software and training. Most importantly, these radios are for first responders on an emergency communications system. Experimenting with a mixed environment is not an acceptable risk.
- Use the retired portable radios from WFRS and WPS as spare radios for the rest of the corporation. If the “out-of-support” portable radios in other areas of the corporation fail, they can quickly be replaced, at no cost, with the spare radios.
- Noting the points below, the recommendation is to not proceed with replacing mobile radios (in-vehicle radios) at WFRS and WPS at this time.
  - o Mobile radios (in-vehicle radios) have a high hardware cost per unit.
  - o Mobile radios (in-vehicle radios) have a high installation cost per unit.
  - o Replacing all Mobile radios (in-vehicle radios) in the WFRS and WPS fleets would create significant overhead costs and operational disruptions.
  - o Replacing Mobile radios (in-vehicle radios) in the WFRS and WPS fleet over the course multiple years, based on planned vehicle replacements and radio failure rates, would save hard costs, soft costs and operational disruptions. Further, having upgraded portable radios mitigates the risk of not upgrading all mobile radios at once.

Given that the costs of new End User Devices have increased since the 2021/2022 projections were developed in 2015, the Steering Committee may need to consider authorizing Finance to examine the feasibility of allocating additional funds to radio replacement projections for 2023 – 2026. These funds could be re-allocated from, a) un-allocated funds in the projection model, b) revenue projection surpluses, and c) expense projection savings. The Steering Committee would have a better understanding of these requirements after the Portable Radio Tender closes.

Based on the above, this Memorandum is recommending that the City of Windsor Radio Communications and Dispatch Steering Committee AUTHORIZE the Windsor Police Service and the Windsor Fire and Rescue Service to commence the portable radio replacement plan outlined in the report to the Steering Committee, dated March 15, 2020.

**Project Comments/Reference**

7151026 (closed), 7215003  
Funding for these projects is from the Corporate Radio Reserve (#198)

**Version Comments**

**Project Forecast**

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2021	3,100,000	3,100,000	0
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
2029	0	0	0
2030	0	0	0
<b>8,400,000</b>		<b>8,400,000</b>	<b>0</b>

**Project Detailed Forecast**

GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
<b>Expenses</b>											
5110 Machinery & Equipment - TCA			0	0	1,600,000	600,000	0	0	0	0	8,400,000
	3,100,000	3,100,000									
Total	3,100,000	3,100,000	0	0	1,600,000	600,000	0	0	0	0	8,400,000
	0										
<b>Revenues</b>											
198 Pay As You Go Corporate Radios Reserve			0	0	1,600,000	600,000	0	0	0	0	8,400,000
	3,100,000	3,100,000									
Total	3,100,000	3,100,000	0	0	1,600,000	600,000	0	0	0	0	8,400,000
	0										

**Historical Approved Budget**

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2016	3,415,235	3,415,235	0

**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 2021**

2016	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %
------	-----------------	------------------------------------

**Project Lead**

Matt Caplin
-------------

**Est. Completion Date**

2033
------



## Project Version Summary

<b>Project #</b>	POL-001-09	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2021	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Fleet Replacement/Refurbishment Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>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.</p>	<p><b>Version Description</b></p> <p>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.</p>
<p><b>Project Comments/Reference</b></p> <p>7091014</p>	<p><b>Version Comments</b></p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	1,268,000	1,268,000	0	5110	Machinery & Equipment - TCA										
2022	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	1,268,000	1,268,000	12,680,000
2023	1,268,000	1,268,000	0		Total	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	12,680,000
2024	1,268,000	1,268,000	0			0									
2025	1,268,000	1,268,000	0	Revenues											
2026	1,268,000	1,268,000	0	183	Police Fleet										
2027	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	1,268,000	1,268,000	12,680,000
2028	1,268,000	1,268,000	0		Total	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	12,680,000
2029	1,268,000	1,268,000	0			0									
2030	1,268,000	1,268,000	0												
	<b>12,680,000</b>	<b>12,680,000</b>	<b>0</b>												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2009	1,100,000	1,100,000	0												
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												
2020	1,268,000	1,268,000	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description							Exp/(Rev)	FTE Impact		
				Unknown	No known operating budget impact.							0	0		
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date											
2009	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Ongoing`											



# Project Version Summary

<b>Project #</b>	POL-001-11	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2021	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - Jefferson Operational Support Services Facility		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
Police project reference #2011-2 7061930																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	5410	Construction Contracts - TCA											
2022	500,000	500,000	0		0	500,000	0	0	0	0	0	0	0	0	500,000	
2023	0	0	0	Total	0	500,000	0	0	0	0	0	0	0	0	500,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	160	Capital Expenditure Reserve											
2026	0	0	0		0	500,000	0	0	0	0	0	0	0	0	500,000	
2027	0	0	0	Total	0	500,000	0	0	0	0	0	0	0	0	500,000	
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>500,000</b>	<b>500,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>													
2017	500,000	0	500,000													
2018	630,000	630,000	0													
2019	370,000	370,000	0													

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2011	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Barry Horrobin		0	0
			<b>Effective Date</b> <b>Description</b> 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.			



# Project Version Summary

<b>Project #</b>	POL-001-20	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2021	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Advanced Analytics and Process Optimization		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>During the 2020 Capital Budgeting process, \$1,000,000 was requested for Advanced Analytics and Process Optimization in 2026 and another \$1,000,000 in 2027. During the Administrative Review phase of the budgeting process, City of Windsor Finance approved \$250,000 in 2026 and \$250,000 in 2027, and deferred \$2,000,000 to 2028+. The 2021 Capital Budgeting process is considering the budgets for 2028, 2029 and 2030. The recommendation is to now allocate the remaining capital funding across 2028 and 2029.</p> <p>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.</p>	
Project Comments/Reference	Version Comments

Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	0	0	0	<b>Expenses</b>												
2022	0	0	0	5110	Machinery & Equipment - TCA											
2023	0	0	0		0	0	0	0	0	250,000	250,000	640,000	600,000	600,000	2,340,000	
2024	0	0	0	Total												
2025	0	0	0	<b>Revenues</b>												
2026	250,000	250,000	0	160	Capital Expenditure Reserve											
2027	250,000	250,000	0		0	0	0	0	0	0	640,000	600,000	600,000	1,840,000		
2028	640,000	640,000	0	169	Pay As You Go - Capital Reserve											
2029	600,000	600,000	0		0	0	0	0	0	250,000	250,000	0	0	0	500,000	
2030	600,000	600,000	0	Total												
<b>2,340,000</b>		<b>2,340,000</b>		<b>0</b>												
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
Year Identified	Start Date	Project Type for 2021		Project Lead					Est. Completion Date							
2020	January 1, 2026	Growth: 0.0 % Maintenance: 0.0 %														



# Project Version Summary

<b>Project #</b>	POL-002-19	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2021	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - Specialized Equipment		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Specialized police equipment including items such as personal protective clothing, use of force options, and investigative enhancements.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7197003																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>														
		<b>Net City Cost</b>	<b>Subsidies</b>													
2021	335,000	335,000	0													
2022	230,000	230,000	0													
2023	510,000	510,000	0													
2024	700,000	700,000	0													
2025	820,000	820,000	0													
2026	500,000	500,000	0													
2027	225,000	225,000	0													
2028	795,000	795,000	0													
2029	375,000	375,000	0													
2030	150,000	150,000	0													
	<b>4,640,000</b>	<b>4,640,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>														
		<b>Net City Cost</b>	<b>Subsidies</b>													
2019	180,000	180,000	0													
2020	100,000	100,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2019	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %														



## Project Version Summary

<b>Project #</b>	POL-003-19	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2021	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - Technology Projects		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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.</p> <p>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.</p>	
Project Comments/Reference	Version Comments
7197004	

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	501,000	501,000	0	5110	Machinery & Equipment - TCA										
2022	375,000	375,000	0		501,000	375,000	425,000	425,000	425,000	425,000	350,000	450,000	450,000	450,000	4,276,000
2023	425,000	425,000	0		Total	501,000	375,000	425,000	425,000	425,000	350,000	450,000	450,000	450,000	4,276,000
2024	425,000	425,000	0	Revenues											
2025	425,000	425,000	0	195	Police Equipment Reserve										
2026	425,000	425,000	0		501,000	375,000	425,000	425,000	425,000	425,000	350,000	450,000	450,000	450,000	4,276,000
2027	350,000	350,000	0		Total	501,000	375,000	425,000	425,000	425,000	350,000	450,000	450,000	450,000	4,276,000
2028	450,000	450,000	0												
2029	450,000	450,000	0												
2030	450,000	450,000	0												
	<b>4,276,000</b>	<b>4,276,000</b>	<b>0</b>												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2019	300,000	300,000	0												
2020	400,000	400,000	0												
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date											
2019	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %													



## Project Version Summary

<b>Project #</b>	POL-004-19	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2021	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - Telecommunications		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version 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>	
Project Comments/Reference	Version Comments
7197005	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				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	450,000	450,000	0	5110	Machinery & Equipment - TCA											
2022	400,000	400,000	0		450,000	400,000	425,000	400,000	200,000	600,000	800,000	300,000	550,000	300,000	4,425,000	
2023	425,000	425,000	0		Total	450,000	400,000	425,000	400,000	200,000	600,000	800,000	300,000	550,000	300,000	4,425,000
2024	400,000	400,000	0	Revenues												
2025	200,000	200,000	0	195	Police Equipment Reserve											
2026	600,000	600,000	0		450,000	400,000	425,000	400,000	200,000	600,000	800,000	300,000	550,000	300,000	4,425,000	
2027	800,000	800,000	0		Total	450,000	400,000	425,000	400,000	200,000	600,000	800,000	300,000	550,000	300,000	4,425,000
2028	300,000	300,000	0													
2029	550,000	550,000	0													
2030	300,000	300,000	0													
	<b>4,425,000</b>	<b>4,425,000</b>	<b>0</b>													
Historical Approved Budget																
		Revenue														
Year	Total Expense	Net City Cost	Subsidies													
2019	100,000	100,000	0													
2020	525,000	525,000	0													
Related Projects				Operating Budget Impact												
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date												
2019	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Melissa Brindley													



# Project Version Summary

<b>Project #</b>	POL-005-19	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2021	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - Facility Projects		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>			
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7197006																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	560,000	560,000	0	5110	Machinery & Equipment - TCA											
2022	340,000	340,000	0		560,000	340,000	350,000	200,000	250,000	100,000	150,000	150,000	150,000	150,000	2,400,000	
2023	350,000	350,000	0		Total	560,000	340,000	350,000	200,000	250,000	100,000	150,000	150,000	150,000	2,400,000	
2024	200,000	200,000	0	<b>Revenues</b>												
2025	250,000	250,000	0	195	Police Equipment Reserve											
2026	100,000	100,000	0		560,000	340,000	350,000	200,000	250,000	100,000	150,000	150,000	150,000	150,000	2,400,000	
2027	150,000	150,000	0		Total	560,000	340,000	350,000	200,000	250,000	100,000	150,000	150,000	150,000	2,400,000	
2028	150,000	150,000	0													
2029	150,000	150,000	0													
2030	150,000	150,000	0													
	<b>2,400,000</b>	<b>2,400,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
				<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>									
				2019	200,000	200,000	0									
				2020	475,000	475,000	0									

Related Projects		Operating Budget Impact		
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2019		Growth: 0.0 % Maintenance: 100.0 %		



## Project Version Summary

<b>Project #</b>	POL-007-13	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2021	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Business Intelligence Technology and Processes Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>	City Wide		
<b>Version Name</b>	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 proved 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	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	500,000	500,000	0	<b>Expenses</b>												
2022	0	0	0	5110	Machinery & Equipment - TCA											
2023	0	0	0		500,000	0	0	0	0	0	0	0	0	0	500,000	
2024	0	0	0	Total	500,000	0	0	0	0	0	0	0	0	0	500,000	
2025	0	0	0	<b>Revenues</b>												
2026	0	0	0	169	Pay As You Go - Capital Reserve											
2027	0	0	0		500,000	0	0	0	0	0	0	0	0	0	500,000	
2028	0	0	0	Total	500,000	0	0	0	0	0	0	0	0	0	500,000	
2029	0	0	0													
2030	0	0	0													
<b>500,000</b>		<b>500,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	Annual licencing and maintenance								0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2013	January 1, 2020	Growth: 100.0 % Maintenance: 0.0 %														

# **2021 Approved Capital Budget**



## **SECTION D:**

### **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** 2021     **Department** Mayor's Office  
**Asset Type** Unassigned     **Division** Administration - Mayor's Office  
  
**Title** Windsor Works  
**Budget Status** Council Approved Budget  
**Major Category** Community & Economic Development  
**Wards** City Wide  
**Version Name** Main (Active)

<b>Project Description</b>				<b>Version Description</b>												
This project will provide funding for various economic development investments throughout the City.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7202006				B6/2021, C 14/2021- \$1,000,000 in 2022 & \$1,000,000 in 2023 deducted as placeholder funding from Paul Martin Project (CAO-001-16) and reallocated to Windsor Works (MAY-001-19).												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	500,000	500,000	0	2915	Consulting Services - External											
2022	1,000,000	1,000,000	0		500,000	1,000,000	1,000,000	0	0	0	0	0	0	3,000,000	5,500,000	
2023	1,000,000	1,000,000	0		Total	500,000	1,000,000	1,000,000	0	0	0	0	0	3,000,000	5,500,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		500,000	1,000,000	1,000,000	0	0	0	0	0	0	3,000,000	5,500,000	
2027	0	0	0		Total	500,000	1,000,000	1,000,000	0	0	0	0	0	3,000,000	5,500,000	
2028	0	0	0													
2029	0	0	0													
2030	3,000,000	3,000,000	0													
	<b>5,500,000</b>	<b>5,500,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
				<b>Revenue</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2020	500,000	500,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>					<b>Est. Completion Date</b>								
2019	January 1, 2020	Growth: 100.0 % Maintenance: 0.0 %	Norma Coleman					2021`								



# Project Version Summary

<b>Project #</b>	MAY-001-21	<b>Service Area</b>	City Council & Mayor's Office
<b>Budget Year</b>	2021	<b>Department</b>	Mayor's Office
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Mayor's Office
<b>Title</b>	City of Windsor Anti-Racism Initiative		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
<p>The City of Windsor is one of the most diverse communities in Canada – a community with a rich multicultural history. Our location as an international gateway between Canada and the USA, along with our many natural, economic and cultural assets has made Windsor a destination of choice for many. 27% of Windsor's population are newcomers. More than 100 cultures are present. One out of every four residents in Windsor-Essex County is an immigrant. Between 2006 and 2011, over 10,000 newcomers made our community their home. Windsor has always stood as a haven for those seeking a better way of life. The city is proud of its cultural roots.</p> <p>Racism has no place in our society. Yet even though our country, province and city have made significant progress in the fight against racism and discrimination, racism still exists in our communities – including the City of Windsor.</p> <p>Racism, in all its forms, is a barrier to achieving equity, as well as a persistent threat to harmonious community relations. There exists a present-day opportunity to provide additional support and to ensure appropriate resources are provided to specifically combat racism in the City of Windsor.</p>	<p>In 2020, escalating race relations concerns were at the forefront of public discussion through demonstrations and protests throughout several areas of the world, including Canada, Ontario, and the City of Windsor. Mayor Dilkens and staff launched a community survey focused on anti-Black racism, and hosted and took part in several community consultations aimed at creating a more inclusive, more equitable and welcoming community for all residents of the City of Windsor.</p> <p>On the over-arching theme of “talking with people who make you see the world differently,” sixteen meetings, discussions and in-depth consultations were held with cultural groups, community leaders, not-for-profit organizations, educational institutions and additional community stakeholders. This included the Multicultural Council of Windsor and Essex County, the Chaldean community, Chinese Association of Greater Windsor, Black Council of Windsor-Essex, and the University of Windsor– to name a few. These frank, open and honest conversations provided an opportunity for community members to highlight efforts, causes and communities they champion, explain and discuss local barriers to equality and equity, and identify opportunities that exist to help Windsor become the most inclusive, welcoming and respectful community possible. These discussions also served to highlight that undertakings of this nature take time, effort and significant consultation, and that much more needs to be done.</p> <p>Funding allocated to this project will support forward-focused, new and innovative, goal-oriented initiatives aimed at creating an environment that makes life better for everyone in our community by confronting, addressing, and ultimately eliminating all forms of racism, including systemic and systematic racism, in our community. Work undertaken by this project will be separate from, but complementary to the ongoing work of the City of Windsor’s corporate-led Diversity and Inclusion Initiative, as well as the work of the established Diversity Committee. Partnerships will be sought to leverage expert external resources with experience in training and programming related to anti-racism and multicultural integration</p>

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7211012	B6/2021, C 14/2021- 2020 Placeholder Funding of \$200,000 F169 re-allocated from Paul Martin Building Placeholder (CAO-001-16).

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		Revenue		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	200,000	0	200,000	2915	Consulting Services - External											
2022	0	0	0		200,000	0	0	0	0	0	0	0	0	0	200,000	
2023	0	0	0		Total	200,000	0	0	0	0	0	0	0	0	200,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	7052	TRANSFER From Capital Projects											
2026	0	0	0		200,000	0	0	0	0	0	0	0	0	0	200,000	
2027	0	0	0		Total	200,000	0	0	0	0	0	0	0	0	200,000	
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>200,000</b>	<b>0</b>	<b>200,000</b>													

<b>Historical Approved Budget</b>	
-----------------------------------	--

Related Projects		Operating Budget Impact		
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2021		Growth: 100.0 % Maintenance: 0.0 %		

# **2021 Approved Capital Budget**



## **SECTION D:**

### **Capital Project Summaries**

**Office of Community Development & Health**



# Project Version Summary

<b>Project #</b>	HCS-001-07	<b>Service Area</b>	Community Dev. & Health Commissioner
<b>Budget Year</b>	2021	<b>Department</b>	Housing & Children Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Housing Services
<b>Title</b>	City Housing Reserve Fund		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description

Version Description

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, 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. This includes 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. The current available balance of this fund after Council approved commitments is approximately \$2.138M as at August 31, 2020.

In early 2019, as part of the 2018 Year-end Operating Budget Variance Report, Council approved the establishment of a new Reserve Fund entitled the City Housing Reserve Fund. This fund was created to retain 100% City funded contributions for the purposes of funding future Social and Affordable Housing costs. The current available balance at August 31, 2020 is approximately \$3.089 M.

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. 35% of capital expenditures incurred based on the current arbitrated weighted assessment formula.

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 4706 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 2021.

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

Housing Services is requesting a total allocation of approximately \$3 million net City in each of years 2028, 2029 and 2030.

In 2020, Housing Services requested a total allocation of \$3 million net City in both 2026 and 2027, which were 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 \$13M to \$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 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. In March 2015, Housing Services received approval by City Council to withdraw up to \$600,000 from the Social Housing Reserve Fund to manage 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 2021.

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. Two social housing providers received SHARP funding (energy efficiency). Total units impacted by SHARP funding (buildings of 150 units or more) was 1444.

-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. Twenty-nine social housing providers received SHIP funding.

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 (OHPPI) - \$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 released a Social Housing Repair Program (OR-SHRP) as well as an RFP for the Rental Housing Component aimed at increasing affordable rental housing through new construction or acquisition and rehab projects with this allocation. The OR-SHRP Program in 2019-2020 was released to all eligible Social Housing providers in Windsor Essex including CHC. Allocations were awarded on a priority basis to assist with the most urgent repairs/retrofits in Windsor/Essex. A total allocation of \$2.35 million has been provided to 26 Housing Providers in Windsor/Essex. Housing Services is currently releasing the 2020-2021 OR-SHRP program with a total allocation of \$2.7 million. Provider requests for this program, as well as previous program releases, are significantly 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.

In June 2020, Housing Services released RFP 97-20 Social Housing Business Process and Asset Management Review funded under the COCHI allocation. This RFP, recently closed and is currently being evaluated. The intent is to hire a consultant to conduct a fulsome review for the federal and social housing providers under the Housing Services Act, 2011, that includes asset management services, including building condition audits and assessments of significant building repairs required in the short, medium and long term. In addition the consultant will be required to undertake a series of operational reviews of the social housing providers that includes governance and succession planning review and analysis. This review, to be completed on or before November 2021 will assist providers with the development of a strategic asset management plan and long-term governance structure in an effort to ensure the long-term sustainability of the affordable housing assets in Windsor Essex.

<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7109003 (closed)				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.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
<b>Revenue</b>															
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>												
2021	0	0	0												
2022	1,250,000	1,250,000	0												
2023	1,250,000	1,250,000	0												
2024	0	0	0												
2025	0	0	0												
2026	0	0	0												
2027	0	0	0												
2028	600,000	600,000	0												
2029	600,000	600,000	0												
2030	600,000	600,000	0												
	<b>4,300,000</b>	<b>4,300,000</b>	<b>0</b>												
<b>Historical Approved Budget</b>															
				<b>Revenue</b>											
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>												
2010	294,000	200,000	94,000												
2019	1,000,000	1,000,000	0												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>	<b>Description</b>						<b>Exp/(Rev)</b>	<b>FTE Impact</b>			
				Unknown	No operating budget impact.						0	0			
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>											
2007	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Mike Deimling	Ongoing											



# Project Version Summary

<b>Project #</b>	HCS-001-14	<b>Service Area</b>	Community Dev. & Health Commissioner
<b>Budget Year</b>	2021	<b>Department</b>	Housing & Children Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Housing Services
<b>Title</b>	Windsor Essex Community Housing Corporation Capital Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

## Project Description

CHC Repair and Renewal application under the National Housing Strategy Co-Investment Fund through Canada Mortgage and Housing Corporation (CMHC). The National Housing Co-Investment Fund Repair and Renewal Stream is dedicated to the preservation and renewal of the existing community and affordable housing stock. In order to leverage the Federal funding under the Repair and Renewal program projects must have support from another level of government (such as municipalities, Provinces and/or Territories, Indigenous Government) to ensure a coordination of investments.

CHC submitted a 2018 Capital request of approximately \$4.55 million Gross (City, \$3 million) 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 approx. 34.26% of capital expenditures incurred based on the current arbitrated weighted assessment formula. This approved amount will form part of the City’s contribution to support the application under the Repair and Renewal Stream of funding.

## Version Description

In the 2018 budget process, CHC submitted a Capital request for approximately \$4.55 Million Gross (approximately \$3.0 Million City). At the Administrative Review this request 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.

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 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 2021.

CHC requested the approval of a Gross 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.

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.

Canada Mortgage and Housing Corporation Repair and Renewal Funding:  
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. The National Housing Co-Investment Fund has two streams, the New Construction Stream which is for new construction and the Housing Repair and Renewal Stream which is for the preservation and renewal of the existing community and affordable housing. This Capital Project request for funds is to provide the City’s share in the current CHC application under the CMHC - Co-Investment Fund – Repair and Renewal stream. The Federal Government has provided a nationwide financial commitment of \$3.46 billion in loans and \$2.26 billion in capital contributions.

CMHC has identified that portfolio wide funding under the Repair and Renewal Funding of the National Housing Co-Investment Fund would assist local housing corporations with ensuring adequate and appropriate condition of the housing stock that meets the needs of tenants that are residing in the units. The Repair and Renewal funding would be provided as a loan and grant combination with the final ratio of loan to grant amounts based on a CMHC scoring grid. Accessing the Repair and Renewal Funding is contingent on CHC achieving social outcomes related to exceeding standard energy efficiency and accessibility requirements. Additional positive outcomes resulting from an allocation of funding under the Repair and Renewal stream include a positive impact in the community related to employment and business opportunities related to the repair work. CHC has developed a proposed action plan to complete the capital repairs and this action plan estimates that a total cost commitment of \$170M would be required over the next ten years.

The CMHC funding contains both a grant and a capital contribution (low-interest loan). This loan would be considered a liability for CHC for the 40-year period. Interest only

payments are required over the first 10 years of the agreement, thereafter both interest and principal payments will need to be serviced through CHC's operating budget. Those payments will be subsidized by the municipality to the extent that it is required under the legislative requirements and not able to be addressed by CHC through anticipated operational efficiencies resulting from the Phase II regeneration efforts and energy savings from the repairs and renovations. It should be noted that the loan would be disclosed within CHC's annual financial statements and accordingly would also be included on the City's consolidated financial statements.

In November of 2019 Council report C 173/2019 was brought forward requesting authorization for CHC to execute a Letter of Intent with CMHC with regards to the Repair and Renewal Funding. Council approved the recommendation (CR546/2019) and further directed administration to explore and report back in conjunction with the capital budget all appropriate funding strategies relative to the additional municipal capital contribution (approx. \$3.2M annually) required under this program. CHC is currently working with CMHC and the City to ensure the requirements outlined in the Letter of Intent are completed in a timely manner in order to move forward to the next stage of the funding process. Projects must have support from another level of government (such as municipalities, Provinces and/or Territories, Indigenous Government) to ensure a coordination of investments. CMHC has indicated that the current annual municipal capital contributions that are provided to CHC each year can be included as a municipal contribution. The above noted \$4.5 million gross approved in 2021 Gross \$308,045(City \$202,494) and 2022 Gross \$4,254,188(City \$2,796,500) would also be included as a municipal capital contribution in addition to the \$3.029 Million (\$2 Million) approved in principal for 2025 for an approximate total of \$7.5 million approved in principal between (2021-2025). CMHC further indicates that to secure the Repair and Renewal funding any and all additional funding sources in excess of the current municipal capital contributions to CHC must be confirmed.

The Letter of Intent, issued by CMHC on August 31, 2020, indicates that up to \$90M in funding is available with 40% (\$36 million) of the funding allocated as a grant and the remaining 60% (\$54 million) issued as a loan.

Based upon the preliminary information available at this time, there is a projected shortfall in funding of \$47.6 million as follows:

\$	
Total Estimated Costs	\$170,000,000
CMHC Repair & Renewal Funding	(\$90,000,000)
Current Municipal Funding (City/County)	(\$28,800,000)
Funding Shortfall	\$51,200,000
Less: CHC Non-Profit Seniors Capital Contribution	\$3,600,000
Net Shortfall	\$47,600,000

In order to secure the CMHA Repair and Renewal funding CHC requires a future commitment of capital funds that will most likely require an increase or an extension to the proposed annual Asset Management Plan levy which is being considered during the 2021 budget deliberations. Given these estimates and the expectation that current approved funding as well as the CMHC funding would be fully utilized first, the requirement for the additional municipal capital contribution of approximately \$40 million (rounded) (\$26.3 million City share) is generally expected to be required in 2025 and thereafter as follows:

Year	Municipal Share	\$Estimated City share
2025	\$107,629	\$70,750
2026	\$12,565,000	\$8,259,630
2027	\$18,242,629	\$11,991,831
2028	\$9,218,751	\$6,059,966
Total	\$40,134,009	\$26,382,177

In summary, approximately \$7.5 million Gross has been approved in principal in years 2021, 2022 and 2025, based on County weighted assessment. The balance of the required funding (approximately \$40 M) is not currently included within the City's future capital budget plan and is being requested in the 2021 budget year. As noted in Council report 191/2020 "Municipal Funding Requirements for Windsor Essex Community Housing Corporation Capital Projects" a recommendation was proposed and approved that refers the additional capital request in the amount of \$40.1 million, to support and complete the Repair and Renewal plan as requested by CHC to the 2023 Capital Budget review and deliberation process. Council should note that this does not completely address the full extent of the regeneration plan requirements and that further capital requirements will be forthcoming as the CHC regeneration plan is finalized and considered.

The Repair and Renewal Funding is an opportunity for CHC to leverage funding from upper levels of government to ensure adequate and appropriate condition of the housing stock in the housing portfolio and aligns with Goal 5.2 of Home Together, Windsor Essex Housing and Homelessness Plan to regularly monitor the condition of the social housing portfolio and actively pursue funding to assist with energy efficiency and capital repairs.

**Project Comments/Reference**

7189003(Closed)  
7219001

**Version Comments**

COMMITMENTS:  
CR15/2021, C 191/2020 - 2022- \$2,796,500 F169 & \$1,439,023 in County Costs, 2025- \$2,000,000 F169 & \$1,030,303 in County Costs

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	3,506,693	2,306,021	1,200,672	4565	Capital Grants										
2022	7,435,523	4,900,027	2,535,496		3,506,693	7,435,523	3,200,000	3,200,000	6,230,303	3,200,000	3,200,000	3,200,000	3,200,000	0	36,372,519
2023	3,200,000	2,103,527	1,096,473		Total	3,506,693	7,435,523	3,200,000	3,200,000	6,230,303	3,200,000	3,200,000	3,200,000	0	36,372,519
2024	3,200,000	2,103,527	1,096,473			3									
2025	6,230,303	4,103,527	2,126,776	Revenues											
2026	3,200,000	2,103,527	1,096,473	169	Pay As You Go - Capital Reserve										
2027	3,200,000	2,103,527	1,096,473		202,494	0	0	0	0	0	0	0	0	0	202,494
2028	3,200,000	2,103,527	1,096,473	169CF	Committed Funding										
2029	3,200,000	2,103,527	1,096,473		0	2,796,500	0	0	2,000,000	0	0	0	0	0	4,796,500
2030	0	0	0	6340	Net County Cost										
	<b>36,372,519</b>	<b>23,930,737</b>	<b>12,441,782</b>		1,200,672	1,096,473	1,096,473	1,096,473	1,096,473	1,096,473	1,096,473	1,096,473	1,096,473	0	9,972,456
<b>Historical Approved Budget</b>				6340CF	Committed Funding										
					0	1,439,023	0	0	1,030,303	0	0	0	0	0	2,469,326
				7058	TRANSFER From Reserve Account										
Year	Total Expense	Net City Cost	Subsidies		2,103,527	2,103,527	2,103,527	2,103,527	2,103,527	2,103,527	2,103,527	2,103,527	2,103,527	0	18,931,743
2018	2,252,800	1,500,000	752,800		Total	3,506,693	7,435,523	3,200,000	3,200,000	6,230,303	3,200,000	3,200,000	3,200,000	0	36,372,519
						3									
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>						
2014	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %		Mike Deimling/Debbie Cercone					Ongoing						



# Project Version Summary

<b>Project #</b>	HLD-001-11	<b>Service Area</b>	Community Dev. & Health Commissioner
<b>Budget Year</b>	2021	<b>Department</b>	Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Nursing & Personal Care
<b>Title</b>	Huron Lodge Point of Care Technology Implementation including Wireless and Wired Care		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>									
<p>-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.</p> <p>-To achieve this, access points would have to be installed throughout each floor to ensure appropriate wireless coverage based on Information Technology's assessment.</p> <p>-Some additional hardware such as wiring and server for security is required.</p> <p>-Purchase of additional module (point of care-POC) from the clinical software to allow for wireless entry.</p> <p>-Purchase of additional clinical software licenses to allow for more users on the system.</p> <p>-Purchase of wireless and wired computerized equipment for point of care (POC) entry as well as the mounting hardware required.</p>	<p>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.</p> <p>Funding from Medical Pharmacies Group is as follows:</p> <table> <tr> <td>Contracts 2012-2016</td> <td>\$400,000</td> <td>(\$80,000 per year)</td> </tr> <tr> <td>Contract 2017-2019</td> <td>\$180,000</td> <td>(\$60,000 per year)</td> </tr> <tr> <td>Contract 2020-2021</td> <td>\$0</td> <td>(pharmacy has ended their contribution to HL)</td> </tr> </table> <p>Purchase of tablets for Point of care Heavy Workload Temporary Staff Dollars for Implementation Oversight, Business Process Development, Training 2027- Equipment replacement estimated life 7 years 2031- Software / Upgrade Replacement includes software implementation costs, training, and heavy workload staff oversight and business process development 2035 - Equipment replacement estimated life 7 years</p>	Contracts 2012-2016	\$400,000	(\$80,000 per year)	Contract 2017-2019	\$180,000	(\$60,000 per year)	Contract 2020-2021	\$0	(pharmacy has ended their contribution to HL)
Contracts 2012-2016	\$400,000	(\$80,000 per year)								
Contract 2017-2019	\$180,000	(\$60,000 per year)								
Contract 2020-2021	\$0	(pharmacy has ended their contribution to HL)								

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7135002	

<b>Project Forecast</b>	<b>Project Detailed Forecast</b>																																																																																																																																																		
<table border="1"> <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>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>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2028</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2029</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2030</td><td>0</td><td>0</td><td>0</td></tr> <tr><td><b>Total</b></td><td><b>100,000</b></td><td><b>100,000</b></td><td><b>0</b></td></tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	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	2029	0	0	0	2030	0	0	0	<b>Total</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<table border="1"> <thead> <tr> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>2980 Contracted Services</td> <td>0</td> </tr> <tr> <td>5125 Computers - PCs</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>100,000</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>100,000</b></td> </tr> <tr> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>221 Service Sustainability Investm</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>100,000</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>100,000</b></td> </tr> </tbody> </table>	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>												2980 Contracted Services	0	0	0	0	0	0	0	0	0	0	0	5125 Computers - PCs	0	0	0	0	0	0	100,000	0	0	0	100,000	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>Revenues</b>												221 Service Sustainability Investm	0	0	0	0	0	0	100,000	0	0	0	100,000	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>
Year			Total Expense	Revenue																																																																																																																																															
	Net City Cost	Subsidies																																																																																																																																																	
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																																																																																																																																																
2029	0	0	0																																																																																																																																																
2030	0	0	0																																																																																																																																																
<b>Total</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>																																																																																																																																																
GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																								
<b>Expenses</b>																																																																																																																																																			
2980 Contracted Services	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																								
5125 Computers - PCs	0	0	0	0	0	0	100,000	0	0	0	100,000																																																																																																																																								
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>																																																																																																																																								
<b>Revenues</b>																																																																																																																																																			
221 Service Sustainability Investm	0	0	0	0	0	0	100,000	0	0	0	100,000																																																																																																																																								
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>																																																																																																																																								

<b>Historical Approved Budget</b>											
<table border="1"> <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>2019</td> <td>78,000</td> <td>78,000</td> <td>0</td> </tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2019	78,000	78,000	0	
Year			Total Expense	Revenue							
	Net City Cost	Subsidies									
2019	78,000	78,000	0								





# Project Version Summary

<b>Project #</b>	HLD-001-12	<b>Service Area</b>	Community Dev. & Health Commissioner
<b>Budget Year</b>	2021	<b>Department</b>	Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Nursing & Personal Care
<b>Title</b>	Huron Lodge Nursing Equipment Replacement Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
<p>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).</p> <p>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.</p>	<p>Establishment of a Floor Lift replacement program - \$222,000 (10 years - life expectancy)</p> <p>Establishment of an Aleri/Miranti bath/Tornado/shower chair replacement program - \$210,000(10 years - life expectancy)</p> <p>Establishment of a shower tub replacement program - \$420,500 (15 years - life expectancy)</p> <p>Establishment of equipment within the soiled utility rooms - including hoppers and bed pan washers</p> <p>Establishment of storage equipment replacement</p>

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7199000	

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	150,000	150,000	0	5110	Machinery & Equipment - TCA											
2022	450,000	450,000	0		150,000	450,000	50,000	50,000	50,000	75,000	75,000	200,000	200,000	200,000	1,500,000	
2023	50,000	50,000	0		Total	150,000	450,000	50,000	50,000	50,000	75,000	75,000	200,000	200,000	1,500,000	
2024	50,000	50,000	0	<b>Revenues</b>												
2025	50,000	50,000	0	221	Service Sustainability Investm											
2026	75,000	75,000	0		150,000	450,000	50,000	50,000	50,000	75,000	75,000	200,000	200,000	200,000	1,500,000	
2027	75,000	75,000	0		Total	150,000	450,000	50,000	50,000	50,000	75,000	75,000	200,000	200,000	1,500,000	
2028	200,000	200,000	0													
2029	200,000	200,000	0													
2030	200,000	200,000	0													
	<b>1,500,000</b>	<b>1,500,000</b>	<b>0</b>													

<b>Historical Approved Budget</b>			
		<b>Revenue</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>
2019	150,000	150,000	0
2020	150,000	150,000	0

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2012	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Susan Rogers	Ongoing`
			Effective Date	Description
			Unknown	Preventative Maintenance
			Exp/(Rev)	FTE Impact
			0	0



# Project Version Summary

<b>Project #</b>	HLD-001-15	<b>Service Area</b>	Community Dev. & Health Commissioner
<b>Budget Year</b>	2021	<b>Department</b>	Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Nursing & Personal Care
<b>Title</b>	Huron Lodge Ceiling Mounted Resident Lift Replacement Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7199001																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>	<b>Expenses</b>												
		<b>Net City Cost</b>		5110	Machinery & Equipment - TCA											
2021	200,000	200,000	0		200,000	100,000	100,000	100,000	110,000	120,000	120,000	110,000	0	0	960,000	
2022	100,000	100,000	0													
2023	100,000	100,000	0													
2024	100,000	100,000	0													
2025	110,000	110,000	0													
2026	120,000	120,000	0													
2027	120,000	120,000	0													
2028	110,000	110,000	0													
2029	0	0	0													
2030	0	0	0													
	<b>960,000</b>	<b>960,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>				<b>Revenues</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>	<b>221 Service Sustainability Investm</b>												
2019	115,000	115,000	0		200,000	100,000	100,000	100,000	110,000	120,000	120,000	110,000	0	0	960,000	
2020	200,000	200,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact								0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												

2015	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Susan Rogers	Ongoing`
------	-----------------	------------------------------------	--------------	----------



# Project Version Summary

<b>Project #</b>	HLD-002-15	<b>Service Area</b>	Community Dev. & Health Commissioner
<b>Budget Year</b>	2021	<b>Department</b>	Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Nursing & Personal Care
<b>Title</b>	Huron Lodge Resident Monitoring & Nurse Bedside Call System		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7191032 CLOSED: 7163001																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	20,000	20,000	0													
2022	0	0	0													
2023	100,000	100,000	0													
2024	0	0	0													
2025	25,000	25,000	0													
2026	20,000	20,000	0													
2027	20,000	20,000	0													
2028	0	0	0													
2029	120,000	120,000	0													
2030	0	0	0													
	<b>305,000</b>	<b>305,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2018	100,000	100,000	0													
2019	25,000	25,000	0													

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2015	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Susan Rogers	2024`	0	0
					0	0



# Project Version Summary

<b>Project #</b>	HLD-001-17	<b>Service Area</b>	Community Dev. & Health Commissioner
<b>Budget Year</b>	2021	<b>Department</b>	Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Nutrition & Dietary Services
<b>Title</b>	Huron Lodge Dietary Servery and Cafe Updates and Equipment Replacement		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
<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.</p> <p>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>

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7219017	

Project Forecast				Project Detailed Forecast											
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
		Net City Cost	Subsidies												
2021	35,000	35,000	0	<b>Expenses</b>											
2022	35,000	35,000	0	5111 Machinery & Equipment -Non TCA											
2023	35,000	35,000	0	35,000 35,000 35,000 35,000 35,000 50,000 50,000 40,000 0 50,000 365,000											
2024	35,000	35,000	0	Total 35,000 35,000 35,000 35,000 35,000 50,000 50,000 40,000 0 50,000 365,000											
2025	35,000	35,000	0	<b>Revenues</b>											
2026	50,000	50,000	0	221 Service Sustainability Investm											
2027	50,000	50,000	0	35,000 35,000 35,000 35,000 35,000 50,000 50,000 40,000 0 50,000 365,000											
2028	40,000	40,000	0	Total 35,000 35,000 35,000 35,000 35,000 50,000 50,000 40,000 0 50,000 365,000											
2029	0	0	0												
2030	50,000	50,000	0												
	<b>365,000</b>	<b>365,000</b>	<b>0</b>												

<b>Historical Approved Budget</b>	
-----------------------------------	--

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2017	January 1, 2021	Growth: 0.0 % Maintenance: 100.0 %	Cathy Harris	2024+
			Effective Date	Description
			Unknown	reorganizing operations during off peak hours
			Exp/(Rev)	FTE Impact
			0	0



# Project Version Summary

<b>Project #</b>	HLD-002-12	<b>Service Area</b>	Community Dev. & Health Commissioner
<b>Budget Year</b>	2021	<b>Department</b>	Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Nutrition & Dietary Services
<b>Title</b>	Huron Lodge Cooking and Food Preparation Equipment Replacement Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7183003	

Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>												
2021	40,000	40,000	0	5111	Machinery & Equipment -Non TCA											
2022	40,000	40,000	0		40,000	40,000	40,000	0	42,000	45,000	45,000	0	0	50,000	302,000	
2023	40,000	40,000	0		Total	40,000	40,000	40,000	0	42,000	45,000	45,000	0	0	50,000	302,000
2024	0	0	0	<b>Revenues</b>												
2025	42,000	42,000	0	221	Service Sustainability Investm											
2026	45,000	45,000	0		40,000	40,000	40,000	0	42,000	45,000	45,000	0	0	50,000	302,000	
2027	45,000	45,000	0		Total	40,000	40,000	40,000	0	42,000	45,000	45,000	0	0	50,000	302,000
2028	0	0	0													
2029	0	0	0													
2030	50,000	50,000	0													
	<b>302,000</b>	<b>302,000</b>	<b>0</b>													

<b>Historical Approved Budget</b>			
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	
		<u>Net City Cost</u>	<u>Subsidies</u>
2018	40,000	40,000	0
2019	40,000	40,000	0

<b>Related Projects</b>	<b>Operating Budget Impact</b>		
<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>
Unknown	No Operating Budget Impact	0	0

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2012	January 1, 2018	Growth: 0.0 % Maintenance: 100.0 %	Cathy Harris	Ongoing



# Project Version Summary

<b>Project #</b>	HLD-003-15	<b>Service Area</b>	Community Dev. & Health Commissioner
<b>Budget Year</b>	2021	<b>Department</b>	Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Nutrition & Dietary Services
<b>Title</b>	Huron Lodge Dish Machines and Industrial Kitchen Equipment		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7183001																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>	5111	Machinery & Equipment -Non TCA											
2021	110,000	110,000	0		110,000	0	40,000	0	50,000	50,000	50,000	110,000	70,000	100,000	580,000	
2022	0	0	0													
2023	40,000	40,000	0		Total	110,000	0	40,000	0	50,000	50,000	50,000	110,000	70,000	580,000	
2024	0	0	0	<b>Revenues</b>												
2025	50,000	50,000	0	221	Service Sustainability Investm											
2026	50,000	50,000	0		110,000	0	40,000	0	50,000	50,000	50,000	110,000	70,000	100,000	580,000	
2027	50,000	50,000	0		Total	110,000	0	40,000	0	50,000	50,000	50,000	110,000	70,000	580,000	
2028	110,000	110,000	0													
2029	70,000	70,000	0													
2030	100,000	100,000	0													
	<b>580,000</b>	<b>580,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>														
		<b>Net City Cost</b>	<b>Subsidies</b>													
2018	80,000	80,000	0													
2019	95,000	95,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>									
				Unknown	No Operating Budget Impact	0	0									
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2015	January 1, 2018	Growth: 0.0 % Maintenance: 100.0 %	Cathy Harris	2023'												



# Project Version Summary

<b>Project #</b>	HLD-004-15	<b>Service Area</b>	Community Dev. & Health Commissioner
<b>Budget Year</b>	2021	<b>Department</b>	Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Nutrition & Dietary Services
<b>Title</b>	Huron Lodge Refrigeration and Freezer Equipment Replacement		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7183002																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>	5111	Machinery & Equipment -Non TCA											
2021	0	0	0	0	175,000	0	0	0	175,000	100,000	0	0	250,000	700,000		
2022	175,000	175,000	0	Total	0	175,000	0	0	0	175,000	100,000	0	0	250,000	700,000	
2023	0	0	0	<b>Revenues</b>												
2024	0	0	0	221	Service Sustainability Investm											
2025	0	0	0	0	175,000	0	0	0	175,000	100,000	0	0	250,000	700,000		
2026	175,000	175,000	0	Total	0	175,000	0	0	0	175,000	100,000	0	0	250,000	700,000	
2027	100,000	100,000	0													
2028	0	0	0													
2029	0	0	0													
2030	250,000	250,000	0													
	<b>700,000</b>	<b>700,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>														
		<b>Net City Cost</b>	<b>Subsidies</b>													
2018	80,000	80,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>							<b>Exp/(Rev)</b>	<b>FTE Impact</b>			
				Unknown	No Operating Budget Impact							0	0			
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2015	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Cathy Harris	2022'												



# Project Version Summary

<b>Project #</b>	HLD-006-15	<b>Service Area</b>	Community Dev. & Health Commissioner
<b>Budget Year</b>	2021	<b>Department</b>	Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Nutrition & Dietary Services
<b>Title</b>	Huron Lodge Dietary Management System Maintenance		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				<p>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.</p> <p>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.</p> <p>Hardware (ie: screens, keyboards) for each dietary server, kitchen, diet offices; Software to allow for point of care for dietary needs, possible wiring WIFI connection updates; backfill for training and possible temporary dollars for heavy workload staff member</p> <p>2022- integration with clinical software and point of care tablets</p> <p>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.</p> <p>2031-Hardware Software updates, training</p>												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7199002																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>														
		<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0													
2022	75,000	75,000	0													
2023	105,000	105,000	0													
2024	0	0	0													
2025	35,000	35,000	0													
2026	0	0	0													
2027	70,000	70,000	0													
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>285,000</b>	<b>285,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>														
		<b>Net City Cost</b>	<b>Subsidies</b>													
2019	65,000	65,000	0													

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date	
2015	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Cathy Harris	2023`	
			<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b> <b>FTE Impact</b>
			Unknown	License Fees	0 0
			Unknown	training costs	0 0



# Project Version Summary

<b>Project #</b>	HLD-001-13	<b>Service Area</b>	Community Dev. & Health Commissioner
<b>Budget Year</b>	2021	<b>Department</b>	Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Program Services
<b>Title</b>	Huron Lodge Beds/Mattresses/Furniture Replacement Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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 2028-2030 complete home replacement of all furniture including freight, assembly, staging costs (removing old furniture, resident personal belongings to be moved etc)

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7189013	

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>	5130	Furniture & Furnishings											
2021	100,000	100,000	0		100,000	100,000	100,000	100,000	100,000	200,000	200,000	0	300,000	200,000	1,400,000	
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	0	0	0													
2029	300,000	300,000	0													
2030	200,000	200,000	0													
	<b>1,400,000</b>	<b>1,400,000</b>	<b>0</b>													
				<b>Revenues</b>												
				221	Service Sustainability Investm											
					100,000	100,000	100,000	100,000	100,000	200,000	200,000	0	300,000	200,000	1,400,000	
					<b>Total</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>200,000</b>	<b>200,000</b>	<b>0</b>	<b>300,000</b>	<b>200,000</b>	<b>1,400,000</b>

<b>Historical Approved Budget</b>			
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	
		<b>Net City Cost</b>	<b>Subsidies</b>
2019	272,400	250,000	22,400
2020	100,000	100,000	0

<b>Related Projects</b>	<b>Operating Budget Impact</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>
	<b>Effective Date</b> <b>Description</b>		
	Unknown            No Operating Budget Impact	0	0

Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2013	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Tanya Shreve	Ongoing`



## Project Version Summary

<b>Project #</b>	HLD-002-17	<b>Service Area</b>	Community Dev. & Health Commissioner
<b>Budget Year</b>	2021	<b>Department</b>	Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Resident Services
<b>Title</b>	Huron Lodge Resident Services Equipment Replacement		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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.</p>	<p>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.</p> <p>\$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            \$40,000 Implement Dementia Butterfly Home Model</p>
<p><b>Project Comments/Reference</b> 7219000</p>	<p><b>Version Comments</b></p>

Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	124,500	124,500	0	<b>Expenses</b>												
2022	50,000	50,000	0	5111	Machinery & Equipment -Non TCA											
2023	0	0	0		124,500	50,000	0	0	0	40,000	150,000	0	0	40,000	404,500	
2024	0	0	0		Total	124,500	50,000	0	0	0	40,000	150,000	0	0	40,000	404,500
2025	0	0	0	<b>Revenues</b>												
2026	40,000	40,000	0	221	Service Sustainability Investm											
2027	150,000	150,000	0		124,500	50,000	0	0	0	40,000	150,000	0	0	40,000	404,500	
2028	0	0	0		Total	124,500	50,000	0	0	0	40,000	150,000	0	0	40,000	404,500
2029	0	0	0													
2030	40,000	40,000	0													
	<b>404,500</b>	<b>404,500</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact								0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2017	January 1, 2021	Growth: 0.0 % Maintenance: 100.0 %		Amanda Caslick					2022'							

# 2021 Approved Capital Budget



## SECTION D:

### Capital Project Summaries

**Office of Parks, Recreation, Culture & Facilities**



# Project Version Summary

<b>Project #</b>	ENG-006-17	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Windsor International Aquatic Training Centre – Ongoing Capital Maintenance		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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.  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.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7189001	

Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	0	0	0	<b>Expenses</b>												
2022	150,000	150,000	0	5410	0	150,000	150,000	971,500	568,500	150,000	150,000	300,000	300,000	300,000	3,040,000	
2023	150,000	150,000	0	Construction Contracts - TCA												
2024	971,500	971,500	0	Total												
2025	568,500	568,500	0	Expenses												
2026	150,000	150,000	0	209	0	0	0	150,000	150,000	0	0	0	0	0	300,000	
2027	150,000	150,000	0	WIATC Capital Maintenance Rve												
2028	300,000	300,000	0	221	0	150,000	150,000	821,500	418,500	150,000	150,000	300,000	300,000	300,000	2,740,000	
2029	300,000	300,000	0	Service Sustainability Investm												
2030	300,000	300,000	0	Total												
	<b>3,040,000</b>	<b>3,040,000</b>	<b>0</b>													

Historical Approved Budget			
Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2018	75,000	75,000	0
2019	200,000	200,000	0
2020	80,000	80,000	0

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date	
2017		Growth: 0.0 % Maintenance: 0.0 %	Daryl Brisebois	Ongoing`	
			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



# Project Version Summary

<b>Project #</b>	ENG-007-17	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Facility Equipment Replacement Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																																																																																																																																												
To repair and replace 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 from 2022-2028 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.																																																																																																																																																																																																																																																																																																																																												
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																																																																																																																																												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																																																																																																																																												
				<table border="1"> <thead> <tr> <th colspan="4">Revenue</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td><b>Year</b></td> <td><b>Total Expense</b></td> <td><b>Net City Cost</b></td> <td><b>Subsidies</b></td> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> <td>5410</td> <td colspan="11">Construction Contracts - TCA</td> </tr> <tr> <td>2022</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td></td> <td>0</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td>0</td> <td>350,000</td> </tr> <tr> <td>2023</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td></td> <td>Total</td> <td>0</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td>0</td> <td>350,000</td> </tr> <tr> <td>2024</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>2025</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td>221</td> <td colspan="11">Service Sustainability Investm</td> </tr> <tr> <td>2026</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td></td> <td>0</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td>0</td> <td>350,000</td> </tr> <tr> <td>2027</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td></td> <td>Total</td> <td>0</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td>0</td> <td>350,000</td> </tr> <tr> <td>2028</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td>2029</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td>2030</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td colspan="4"></td> <td colspan="13"> <table border="1"> <tr> <td colspan="4"></td> <td colspan="13"><b>Operating Budget Impact</b></td> </tr> <tr> <td colspan="4"></td> <td><b>Effective Date</b></td> <td colspan="9"><b>Description</b></td> <td><b>Exp/(Rev)</b></td> <td><b>FTE Impact</b></td> </tr> <tr> <td colspan="4"></td> <td>Unknown</td> <td colspan="9">Any shortfalls will be handled by the operating budget.</td> <td>0</td> <td>0</td> </tr> </table> </td> </tr> <tr> <td colspan="4"><b>Historical Approved Budget</b></td> <td colspan="13"></td> </tr> <tr> <td colspan="4"><b>Related Projects</b></td> <td colspan="13"></td> </tr> <tr> <td><b>Year Identified</b></td> <td><b>Start Date</b></td> <td colspan="2"><b>Project Type for 2021</b></td> <td colspan="5"><b>Project Lead</b></td> <td colspan="5"><b>Est. Completion Date</b></td> </tr> <tr> <td>2017</td> <td>January 1, 2022</td> <td colspan="2">Growth: 0.0 % Maintenance: 0.0 %</td> <td colspan="5">Tom Graziano</td> <td colspan="5">Ongoing`</td> </tr> </tbody> </table>													Revenue				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												2021	0	0	0	5410	Construction Contracts - TCA											2022	50,000	50,000	0		0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	0	0	350,000	2023	50,000	50,000	0		Total	0	50,000	50,000	50,000	50,000	50,000	50,000	0	0	350,000	2024	50,000	50,000	0	<b>Revenues</b>												2025	50,000	50,000	0	221	Service Sustainability Investm											2026	50,000	50,000	0		0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	0	0	350,000	2027	50,000	50,000	0		Total	0	50,000	50,000	50,000	50,000	50,000	50,000	0	0	350,000	2028	50,000	50,000	0													2029	0	0	0													2030	0	0	0																	<table border="1"> <tr> <td colspan="4"></td> <td colspan="13"><b>Operating Budget Impact</b></td> </tr> <tr> <td colspan="4"></td> <td><b>Effective Date</b></td> <td colspan="9"><b>Description</b></td> <td><b>Exp/(Rev)</b></td> <td><b>FTE Impact</b></td> </tr> <tr> <td colspan="4"></td> <td>Unknown</td> <td colspan="9">Any shortfalls will be handled by the operating budget.</td> <td>0</td> <td>0</td> </tr> </table>																	<b>Operating Budget Impact</b>																	<b>Effective Date</b>	<b>Description</b>									<b>Exp/(Rev)</b>	<b>FTE Impact</b>					Unknown	Any shortfalls will be handled by the operating budget.									0	0	<b>Historical Approved Budget</b>																	<b>Related Projects</b>																	<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>					2017	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Tom Graziano					Ongoing`				
Revenue				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																																																																																																																																	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>																																																																																																																																																																																																																																																																																																																																												
2021	0	0	0	5410	Construction Contracts - TCA																																																																																																																																																																																																																																																																																																																																											
2022	50,000	50,000	0		0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	0	0	350,000																																																																																																																																																																																																																																																																																																																																	
2023	50,000	50,000	0		Total	0	50,000	50,000	50,000	50,000	50,000	50,000	0	0	350,000																																																																																																																																																																																																																																																																																																																																	
2024	50,000	50,000	0	<b>Revenues</b>																																																																																																																																																																																																																																																																																																																																												
2025	50,000	50,000	0	221	Service Sustainability Investm																																																																																																																																																																																																																																																																																																																																											
2026	50,000	50,000	0		0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	0	0	350,000																																																																																																																																																																																																																																																																																																																																	
2027	50,000	50,000	0		Total	0	50,000	50,000	50,000	50,000	50,000	50,000	0	0	350,000																																																																																																																																																																																																																																																																																																																																	
2028	50,000	50,000	0																																																																																																																																																																																																																																																																																																																																													
2029	0	0	0																																																																																																																																																																																																																																																																																																																																													
2030	0	0	0																																																																																																																																																																																																																																																																																																																																													
				<table border="1"> <tr> <td colspan="4"></td> <td colspan="13"><b>Operating Budget Impact</b></td> </tr> <tr> <td colspan="4"></td> <td><b>Effective Date</b></td> <td colspan="9"><b>Description</b></td> <td><b>Exp/(Rev)</b></td> <td><b>FTE Impact</b></td> </tr> <tr> <td colspan="4"></td> <td>Unknown</td> <td colspan="9">Any shortfalls will be handled by the operating budget.</td> <td>0</td> <td>0</td> </tr> </table>																	<b>Operating Budget Impact</b>																	<b>Effective Date</b>	<b>Description</b>									<b>Exp/(Rev)</b>	<b>FTE Impact</b>					Unknown	Any shortfalls will be handled by the operating budget.									0	0																																																																																																																																																																																																																																																																															
				<b>Operating Budget Impact</b>																																																																																																																																																																																																																																																																																																																																												
				<b>Effective Date</b>	<b>Description</b>									<b>Exp/(Rev)</b>	<b>FTE Impact</b>																																																																																																																																																																																																																																																																																																																																	
				Unknown	Any shortfalls will be handled by the operating budget.									0	0																																																																																																																																																																																																																																																																																																																																	
<b>Historical Approved Budget</b>																																																																																																																																																																																																																																																																																																																																																
<b>Related Projects</b>																																																																																																																																																																																																																																																																																																																																																
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>																																																																																																																																																																																																																																																																																																																																							
2017	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Tom Graziano					Ongoing`																																																																																																																																																																																																																																																																																																																																							



# Project Version Summary

<b>Project #</b>	ENG-010-17	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Capitol Theatre Capital Rehabilitation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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:            2021 - Flooring (\$250,000)            2022 - Plaster Repairs (\$200,000)            2024 to 2030 - funding to be prioritized based on Building Condition Assessments and other identified needs</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.            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>

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7129000 also REC-002-12 (CLOSED) 7183008 (was ECB-010-18 - Enhanced Capital Budget 2018)	PLACEHOLDER: CR576/2020, C 224/2020- \$250,000 F221 2021- Will be committed pending notification of Legacy Fund – Building Communities Through Arts and Heritage Grant

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	250,000	250,000	0	5410	Construction Contracts - TCA											
2022	200,000	200,000	0		250,000	200,000	0	750,000	750,000	0	0	100,000	100,000	100,000	2,250,000	
2023	0	0	0	Total	250,000	200,000	0	750,000	750,000	0	0	100,000	100,000	100,000	2,250,000	
2024	750,000	750,000	0	<b>Revenues</b>												
2025	750,000	750,000	0	221	Service Sustainability Investm											
2026	0	0	0		0	200,000	0	750,000	750,000	0	0	100,000	100,000	100,000	2,000,000	
2027	0	0	0	221CF	Committed Funding											
2028	100,000	100,000	0		250,000	0	0	0	0	0	0	0	0	0	250,000	
2029	100,000	100,000	0	Total	250,000	200,000	0	750,000	750,000	0	0	100,000	100,000	100,000	2,250,000	
2030	100,000	100,000	0													
	<b>2,250,000</b>	<b>2,250,000</b>	<b>0</b>													

<b>Historical Approved Budget</b>			
		<b>Revenue</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>
2019	40,000	40,000	0
2020	560,000	560,000	0





# Project Version Summary

<b>Project #</b>	ENG-011-17	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	400 City Hall Square - Capital Repairs		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Funds to cover facility repairs/replacements at 400 CHS.				<p>Specific work identified at this time is as follows:            2021 - Parking Garage Stairs Repair (\$500,000)            2023-2024 - HVAC Equipment Replacements (\$1,700,000) and Fire Alarm System Replacement (\$120,000)            2026 to 2030 - Funding to be prioritized based on Building Condition Assessments and other identified needs</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>												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7171011																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>	<b>Expenses</b>												
		<b>Net City Cost</b>		5410	Construction Contracts - TCA											
2021	500,000	500,000	0		500,000	0	129,700	1,690,300	0	500,000	500,000	100,000	100,000	100,000	3,620,000	
2022	0	0	0													
2023	129,700	129,700	0		Total	500,000	0	129,700	1,690,300	0	500,000	500,000	100,000	100,000	3,620,000	
2024	1,690,300	1,690,300	0	<b>Revenues</b>												
2025	0	0	0	186	400 City Hall Square E.											
2026	500,000	500,000	0		0	0	0	0	500,000	500,000	100,000	100,000	100,000	1,300,000		
2027	500,000	500,000	0	221	Service Sustainability Investm											
2028	100,000	100,000	0		500,000	0	129,700	1,690,300	0	0	0	0	0	2,320,000		
2029	100,000	100,000	0		Total	500,000	0	129,700	1,690,300	0	500,000	500,000	100,000	100,000	3,620,000	
2030	100,000	100,000	0													
	<b>3,620,000</b>	<b>3,620,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
				<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>									
						<b>Net City Cost</b>										
				2017	100,000	100,000	0									
				2019	300,000	300,000	0									
				2020	700,000	700,000	0									
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												

2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %	Tom Graziano	Ongoing`
------	-----------------	------------------------------------	--------------	----------



## Project Version Summary

<b>Project #</b>	HCP-001-10	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Corporate Facilities Water Backflow Prevention Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>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 &amp; 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.</p>	<p><b>Version Description</b></p> <p>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.</p>
<p><b>Project Comments/Reference</b></p> <p>7031134</p>	<p><b>Version Comments</b></p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	0	0	0	5410	Construction Contracts - TCA										
2022	100,000	100,000	0		0	100,000	0	0	0	0	0	0	0	0	100,000
2023	0	0	0		Total	0	100,000	0	0	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	100,000	0	0	0	0	0	0	0	0	100,000
2027	0	0	0		Total	0	100,000	0	0	0	0	0	0	0	100,000
2028	0	0	0												
2029	0	0	0												
2030	0	0	0												
	<b>100,000</b>	<b>100,000</b>	<b>0</b>												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2010	100,000	100,000	0												
2013	100,000	100,000	0												
2014	100,000	100,000	0												
2020	200,000	200,000	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 2021	Project Lead	Est. Completion Date											
2010	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %	Tom Graziano	Ongoing`											



## Project Version Summary

<b>Project #</b>	HCP-002-07	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Corporate Facilities Roof Replacement Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>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.</p>	<p><b>Version Description</b></p> <p>The City of Windsor has several building roofs that need attention. Jobs have been prioritized and estimated according to current status.</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>
<p><b>Project Comments/Reference</b></p> <p>See document attached for complete listing. 7085008</p>	<p><b>Version Comments</b></p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	410,000	410,000	0	5410	Construction Contracts - TCA										
2022	400,000	400,000	0		410,000	400,000	400,000	400,000	400,000	1,700,000	200,000	1,150,000	2,820,000	1,560,000	9,440,000
2023	400,000	400,000	0		Total	410,000	400,000	400,000	400,000	1,700,000	200,000	1,150,000	2,820,000	1,560,000	9,440,000
2024	400,000	400,000	0	Revenues											
2025	400,000	400,000	0	221	Service Sustainability Investm										
2026	1,700,000	1,700,000	0		410,000	400,000	400,000	400,000	400,000	1,700,000	200,000	1,150,000	2,820,000	1,560,000	9,440,000
2027	200,000	200,000	0		Total	410,000	400,000	400,000	400,000	1,700,000	200,000	1,150,000	2,820,000	1,560,000	9,440,000
2028	1,150,000	1,150,000	0												
2029	2,820,000	2,820,000	0												
2030	1,560,000	1,560,000	0												
	<b>9,440,000</b>	<b>9,440,000</b>	<b>0</b>												
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												
2020	1,330,500	1,330,500	0												
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 2021		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	2029	2030
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								-			\$650,000
24 Fire Hall #3 - 2750 Ouellette Ave								\$105,000			
25 Crawford Yard - Carpenter Shop								\$95,000			
26 400 CHS							\$1,000,000				
27 Computers4Kids - 4100 Sandwich Street									\$450,000		
28 WJF										\$1,700,000	\$0
29 DND											
30 1266 McDougall									\$0		\$230,000
31 North Service Road Transfer Station-Admin Bldg										\$195,000	
32 Atkinson Pool Park Washrooms									\$0	\$18,000	
33 1231 Mercer											\$160,000
34 Lou Romano - Dewatering, Grit, Electrical Buildings										\$650,000	
35 Lanspeary Arena (overlay metal roof, plus remove/reinstall solar system)								\$0	\$0		\$340,000
36 Baby House									\$0	\$45,000	
37 WFCU											\$0
38 Misc as per BCA									\$0	\$212,000	\$180,000
39 Paul Martin Building									\$700,000		
<b>TOTAL REQUESTED:</b>	<b>\$1,330,500</b>	<b>\$410,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$1,700,000</b>	<b>\$200,000</b>	<b>\$1,150,000</b>	<b>\$2,820,000</b>	<b>\$1,560,000</b>

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



# Project Version Summary

<b>Project #</b>	HCP-002-09	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Fire Hall Capital Refurbishment Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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.	<p>Fire Halls require funds for repairs/replacements as needed.</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>

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7091015	

Project Forecast				Project Detailed Forecast											
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
		Net City Cost	Subsidies												
2021	0	0	0	<b>Expenses</b>											
2022	100,000	100,000	0	5410	Construction Contracts - TCA										
2023	150,000	150,000	0		0	100,000	150,000	0	0	0	150,000	0	0	0	400,000
2024	0	0	0		0	100,000	150,000	0	0	0	150,000	0	0	0	400,000
2025	0	0	0	<b>Revenues</b>											
2026	0	0	0	221	Service Sustainability Investm										
2027	150,000	150,000	0		0	100,000	150,000	0	0	0	150,000	0	0	0	400,000
2028	0	0	0		0	100,000	150,000	0	0	0	150,000	0	0	0	400,000
2029	0	0	0		0	100,000	150,000	0	0	0	150,000	0	0	0	400,000
2030	0	0	0		0	100,000	150,000	0	0	0	150,000	0	0	0	400,000
	<b>400,000</b>	<b>400,000</b>	<b>0</b>												

Historical Approved Budget			
Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2009	150,750	150,750	0
2012	150,000	0	150,000
2014	210,000	0	210,000
2016	59,500	59,500	0
2017	150,000	150,000	0
2018	150,000	150,000	0

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2009	January 2, 2016	Growth: 0.0 % Maintenance: 0.0 %	Tom Graziano	Ongoing`	0	0
					Unknown	No operating budget impact.



## Project Version Summary

<b>Project #</b>	HCP-005-08	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Corporate Facilities Paving Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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.</p>	<p>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.</p> <p>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) / Funding to be prioritized based on Building Condition Assessments and other identified needs (\$2,000,000)            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) / Lakeview Park Marina Parking Lot (\$250,000 - from REC-002-07)            2029 - Lakeview Park Marina Parking Lot (\$150,000 - from REC-002-07) /Funding to be prioritized based on Building Condition Assessments and other identified needs (\$850,000)            2030 - Funding to be prioritized based on Building Condition Assessments and other identified needs (\$1,000,000)</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
<p>7101016, 7204001</p>	<p>COMMITMENT:            CR144/2020 - C 67/2020 - (7204001) 2021 F221 \$1,115,000 - 2022 F221 \$970,000 - 2024 F221 \$315,000</p>

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	1,215,000	1,215,000	0	5410	Construction Contracts - TCA											
2022	1,070,000	1,070,000	0		1,215,000	1,070,000	100,000	2,315,000	3,150,000	0	500,000	1,000,000	1,000,000	1,000,000	11,350,000	
2023	100,000	100,000	0		Total	1,215,000	1,070,000	100,000	2,315,000	3,150,000	0	500,000	1,000,000	1,000,000	1,000,000	11,350,000
2024	2,315,000	2,315,000	0			0										
2025	3,150,000	3,150,000	0	Revenues												
2026	0	0	0	221	Service Sustainability Investm											
2027	500,000	500,000	0		100,000	100,000	100,000	2,000,000	3,150,000	0	500,000	1,000,000	1,000,000	1,000,000	8,950,000	
2028	1,000,000	1,000,000	0	221CF	Committed Funding											
2029	1,000,000	1,000,000	0		1,115,000	970,000	0	315,000	0	0	0	0	0	0	2,400,000	
2030	1,000,000	1,000,000	0		Total	1,215,000	1,070,000	100,000	2,315,000	3,150,000	0	500,000	1,000,000	1,000,000	1,000,000	11,350,000
	<b>11,350,000</b>	<b>11,350,000</b>	<b>0</b>			0										
Historical Approved Budget																
		Revenue														
Year	Total Expense	Net City Cost	Subsidies													
2008	49,500	49,500	0													
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 2021		Project Lead				Est. Completion Date								
2008	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Tom Graziano				Ongoing`								



# Project Version Summary

<b>Project #</b>	HCP-010-07	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Willistead Complex Capital Rehabilitation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 4		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>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".</p>	<p><b>Version Description</b></p> <p>The Willistead Complex requires an annual allotment of \$50,000 in 2023-2027 and \$75,000 in 2028-2030 for repairs and maintenance as needed. Specific work identified at this time is as follows:</p> <p>2022 - Front Courtyard Restoration (\$450,000) and Willistead Fencing (\$450,000)          2025 - Willistead Fencing (\$500,000) and Exterior Painting (\$100,000)          2026 - Willistead Fencing (\$1,450,000)          2027 - Basement Restoration and Interior Painting (\$500,000)</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>
<p><b>Project Comments/Reference</b></p> <p>7062048/7171061 (Closed)          7125002 / 7195000 (One Time FGT 2019)</p>	<p><b>Version Comments</b></p>

Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	0	0	0	<b>Expenses</b>												
2022	900,000	900,000	0	5410	Construction Contracts - TCA											
2023	50,000	50,000	0		0	900,000	50,000	50,000	650,000	1,500,000	550,000	75,000	75,000	75,000	3,925,000	
2024	50,000	50,000	0		<b>Total</b>											
2025	650,000	650,000	0	<b>Revenues</b>												
2026	1,500,000	1,500,000	0	151	Parks/Rec/Facil Acquis Funding											
2027	550,000	550,000	0		0	0	0	500,000	0	0	0	0	0	0	500,000	
2028	75,000	75,000	0	221	Service Sustainability Investm											
2029	75,000	75,000	0		0	900,000	50,000	50,000	150,000	1,500,000	550,000	75,000	75,000	75,000	3,425,000	
2030	75,000	75,000	0		<b>Total</b>											
	<b>3,925,000</b>	<b>3,925,000</b>	<b>0</b>													
Historical Approved Budget																
Year	Total Expense	Revenue														
		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												
				Effective Date	Description								Exp/(Rev)	FTE Impact		
				Unknown	No operating budget impact.								0	0		
Year Identified	Start Date	Project Type for 2021		Project Lead				Est. Completion Date								
2012	January 1, 2012	Growth: 0.0 % Maintenance: 0.0 %		Jan Wilson/Tom Graziano				Ongoing`								



## Project Version Summary

<b>Project #</b>	OPS-007-07	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Public Works Operations Facilities Refurbishment		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>Ongoing improvements to Public Works buildings including Crawford Yard, Environmental Yard and Traffic Operations based on priority.</p> <p>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.</p> <p>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.</p>	<p>An annual allotment of \$25,000 in 2024-2027 for various repairs, to address health &amp; safety issues, unexpected needs and to perform proper maintenance is also needed. Specific work identified at this time is as follows:</p> <p>2021 - Crawford Yard Backup Generator (\$400,000), Crawford Yard Perimeter Foundation Wall Repair (\$150,000), Environmental Paving Work (\$60,000)</p> <p>2022-2023 - Crawford Yard Shop Floor Drain Repairs (\$800,000), Crawford Boiler Replacement (\$200,000) and Environmental Security Camera Replacement (\$35,000)</p> <p>2028 - Traffic Sign Shop Ventilation (\$100,000)</p> <p>2029 - Crawford Yard Mechanical Upgrades (\$500,000); Crawford Yard Stockroom Renovation (\$300,000);</p> <p>2030 - Traffic Change Room Reconfiguration (\$400,000); Crawford Yard Miscellaneous Window Replacements (\$500,000)</p>
Project Comments/Reference	Version Comments
7033139 (Closed) / 7141029	

Project Forecast				Project Detailed Forecast											
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
		Net City Cost	Subsidies												
2021	596,101	596,101	0	Expenses											
2022	575,000	575,000	0	5410	Construction Contracts - TCA										
2023	653,899	653,899	0		596,101	575,000	653,899	25,000	25,000	25,000	25,000	100,000	800,000	900,000	3,725,000
2024	25,000	25,000	0	Total	596,101	575,000	653,899	25,000	25,000	25,000	25,000	100,000	800,000	900,000	3,725,000
2025	25,000	25,000	0	Revenues											
2026	25,000	25,000	0	221	Service Sustainability Investm										
2027	25,000	25,000	0		596,101	575,000	653,899	25,000	25,000	25,000	25,000	100,000	800,000	900,000	3,725,000
2028	100,000	100,000	0	Total	596,101	575,000	653,899	25,000	25,000	25,000	25,000	100,000	800,000	900,000	3,725,000
2029	800,000	800,000	0												
2030	900,000	900,000	0												
	<b>3,725,000</b>	<b>3,725,000</b>	<b>0</b>												
Historical Approved Budget															
Year	Total Expense	Revenue													
		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												
2020	25,000	25,000	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 2021	Project Lead	Est. Completion Date											
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Tom Graziano	Ongoing											



## Project Version Summary

<b>Project #</b>	PFO-001-12	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Corporate Properties Security Systems and Infrastructure		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	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, door hardware and exterior lighting. This program would fund the necessary repairs, modifications, expansions and upgrades to existing systems, as well as the funding to install new infrastructure, as required, where none has previously existed.

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." Key cards provide access to buildings and consequently, to the people located within the buildings. An absence of strict key and card control could pose a risk to security.

### Project Comments/Reference

7053035 - This capital account replaces both Corporate Wide Security Systems and Security Infrastructure Improvements.  
7165002 - This capital account tracks activities for Corporate Facilities Access Protocols project

### Version Description

Specific work identified at this time is as follows:

- 2021 - 2450 McDougall Gate and Card Access (\$50,000)
- 2022 - Forest Glade CC Card Access (\$50,000)
- 2023 - Adie Knox CC Card Access (\$50,000)
- 2028 - Zamboni Room Card Access for Forest Glade Arena, Adie Knox Arena and Capri Pizzeria Recreation Complex (\$75,000)
- 2029 - Corporate Security Upgrades (\$75,000)
- 2030 - Corporate Security Upgrades (\$75,000)

Other identified needs without specific timeline:

Corporate Security Upgrades (\$575,000) / 400 CHS Security Systems (\$250,000)

### Version Comments

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	75,000	75,000	0	5410	Construction Contracts - TCA										
2022	125,000	125,000	0		75,000	125,000	125,000	150,000	150,000	150,000	150,000	75,000	75,000	75,000	1,150,000
2023	125,000	125,000	0		Total	75,000	125,000	125,000	150,000	150,000	150,000	75,000	75,000	75,000	1,150,000
2024	150,000	150,000	0	Revenues											
2025	150,000	150,000	0	169	Pay As You Go - Capital Reserve										
2026	150,000	150,000	0		25,000	25,000	25,000	25,000	25,000	75,000	75,000	0	0	0	275,000
2027	150,000	150,000	0	221	Service Sustainability Investm										
2028	75,000	75,000	0		50,000	100,000	100,000	125,000	125,000	75,000	75,000	75,000	75,000	75,000	875,000
2029	75,000	75,000	0		Total	75,000	125,000	125,000	150,000	150,000	150,000	75,000	75,000	75,000	1,150,000
2030	75,000	75,000	0												
	<b>1,150,000</b>	<b>1,150,000</b>	<b>0</b>												
Historical Approved Budget															
		Revenue													
Year	Total Expense	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												
2020	50,000	50,000	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 2021	Project Lead	Est. Completion Date											
2012	January 1, 2015	Growth: 33.3 % Maintenance: 66.7 %	Tom Graziano	Ongoing`											



# Project Version Summary

<b>Project #</b>	PFO-001-15	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Huron Lodge Environmental Services Equipment Replacement		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																														
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.				The anticipated kitchen, cleaning and laundry equipment are:  2022 - Washers, Dryers and Related Installation (\$175,000) 2026 - 2028 - Trash Compactor (\$400,000), 2029 - 2030 - Dock Leveler (\$100,000) and other miscellaneous equipment repairs  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.																																																																																																																																																																																																																														
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																														
7152003																																																																																																																																																																																																																																		
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																														
				<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td><b>Year</b></td> <td><b>Total Expense</b></td> <td><b>Net City Cost</b></td> <td><b>Subsidies</b></td> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> <td>5410</td> <td colspan="11">Construction Contracts - TCA</td> </tr> <tr> <td>2022</td> <td>175,000</td> <td>175,000</td> <td>0</td> <td></td> <td>0</td> <td>175,000</td> <td>0</td> <td>0</td> <td>0</td> <td>175,000</td> <td>175,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>675,000</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>Total</td> <td>0</td> <td>175,000</td> <td>0</td> <td>0</td> <td>0</td> <td>175,000</td> <td>175,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>675,000</td> </tr> <tr> <td>2024</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>2025</td> <td>0</td> <td>0</td> <td>0</td> <td>221</td> <td colspan="11">Service Sustainability Investm</td> </tr> <tr> <td>2026</td> <td>175,000</td> <td>175,000</td> <td>0</td> <td></td> <td>0</td> <td>175,000</td> <td>0</td> <td>0</td> <td>0</td> <td>175,000</td> <td>175,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>675,000</td> </tr> <tr> <td>2027</td> <td>175,000</td> <td>175,000</td> <td>0</td> <td></td> <td>Total</td> <td>0</td> <td>175,000</td> <td>0</td> <td>0</td> <td>0</td> <td>175,000</td> <td>175,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>675,000</td> </tr> <tr> <td>2028</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td>2029</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td>2030</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td></td> <td><b>675,000</b></td> <td><b>675,000</b></td> <td><b>0</b></td> <td colspan="12"></td> </tr> </tbody> </table>															Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												2021	0	0	0	5410	Construction Contracts - TCA											2022	175,000	175,000	0		0	175,000	0	0	0	175,000	175,000	50,000	50,000	50,000	675,000	2023	0	0	0		Total	0	175,000	0	0	0	175,000	175,000	50,000	50,000	50,000	675,000	2024	0	0	0	<b>Revenues</b>												2025	0	0	0	221	Service Sustainability Investm											2026	175,000	175,000	0		0	175,000	0	0	0	175,000	175,000	50,000	50,000	50,000	675,000	2027	175,000	175,000	0		Total	0	175,000	0	0	0	175,000	175,000	50,000	50,000	50,000	675,000	2028	50,000	50,000	0													2029	50,000	50,000	0													2030	50,000	50,000	0														<b>675,000</b>	<b>675,000</b>	<b>0</b>												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																			
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>																																																																																																																																																																																																																														
2021	0	0	0	5410	Construction Contracts - TCA																																																																																																																																																																																																																													
2022	175,000	175,000	0		0	175,000	0	0	0	175,000	175,000	50,000	50,000	50,000	675,000																																																																																																																																																																																																																			
2023	0	0	0		Total	0	175,000	0	0	0	175,000	175,000	50,000	50,000	50,000	675,000																																																																																																																																																																																																																		
2024	0	0	0	<b>Revenues</b>																																																																																																																																																																																																																														
2025	0	0	0	221	Service Sustainability Investm																																																																																																																																																																																																																													
2026	175,000	175,000	0		0	175,000	0	0	0	175,000	175,000	50,000	50,000	50,000	675,000																																																																																																																																																																																																																			
2027	175,000	175,000	0		Total	0	175,000	0	0	0	175,000	175,000	50,000	50,000	50,000	675,000																																																																																																																																																																																																																		
2028	50,000	50,000	0																																																																																																																																																																																																																															
2029	50,000	50,000	0																																																																																																																																																																																																																															
2030	50,000	50,000	0																																																																																																																																																																																																																															
	<b>675,000</b>	<b>675,000</b>	<b>0</b>																																																																																																																																																																																																																															
<b>Historical Approved Budget</b>																																																																																																																																																																																																																																		
				<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>2015</td> <td>120,000</td> <td>120,000</td> <td>0</td> </tr> <tr> <td>2016</td> <td>18,000</td> <td>18,000</td> <td>0</td> </tr> <tr> <td>2019</td> <td>60,000</td> <td>60,000</td> <td>0</td> </tr> <tr> <td>2020</td> <td>175,000</td> <td>175,000</td> <td>0</td> </tr> </tbody> </table>															Revenue		Year	Total Expense	Net City Cost	Subsidies	2015	120,000	120,000	0	2016	18,000	18,000	0	2019	60,000	60,000	0	2020	175,000	175,000	0																																																																																																																																																																																										
		Revenue																																																																																																																																																																																																																																
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																															
2015	120,000	120,000	0																																																																																																																																																																																																																															
2016	18,000	18,000	0																																																																																																																																																																																																																															
2019	60,000	60,000	0																																																																																																																																																																																																																															
2020	175,000	175,000	0																																																																																																																																																																																																																															

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date	
2014	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Mike Smithson	Ongoing`	
			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



## Project Version Summary

<b>Project #</b>	PFO-002-12	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Facility Structural & Building Envelope Maintenance Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>This program is intended to fund structural &amp; 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.</p>	<p>An annual budget of \$50,000 beginning in 2021 is required to cover all repairs on an as needed basis.</p> <p>Specific work identified at this time is as follows:            2021 - Festival Plaza Building Repair (\$450,000)            2025 - Computer for Kids (4150 Sandwich) Renovation (\$500,000)            2026 - 930 Mercer Exterior Wall Insulation and Siding (\$100,000)            2030 - PMB Building Repairs &amp; Elevator Upgrades (\$500,000)</p> <p>Following funding to be prioritized based on Building Condition Assessments and other identified needs:</p> <p>2027 - \$450,000            2028 - \$700,000            2029 - \$950,000            2030 - \$950,000</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
7151017	

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	500,000	500,000	0	5410	Construction Contracts - TCA										
2022	50,000	50,000	0		500,000	50,000	50,000	50,000	550,000	150,000	500,000	750,000	1,000,000	1,500,000	5,100,000
2023	50,000	50,000	0		Total	500,000	50,000	50,000	50,000	550,000	150,000	500,000	750,000	1,000,000	5,100,000
2024	50,000	50,000	0	Revenues											
2025	550,000	550,000	0	169	Pay As You Go - Capital Reserve										
2026	150,000	150,000	0		0	0	0	0	0	0	0	0	0	0	0
2027	500,000	500,000	0	221	Service Sustainability Investm										
2028	750,000	750,000	0		500,000	50,000	50,000	50,000	550,000	150,000	500,000	750,000	1,000,000	1,500,000	5,100,000
2029	1,000,000	1,000,000	0		Total	500,000	50,000	50,000	50,000	550,000	150,000	500,000	750,000	1,000,000	5,100,000
2030	1,500,000	1,500,000	0												
	<b>5,100,000</b>	<b>5,100,000</b>	<b>0</b>												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2015	75,000	75,000	0												
2018	50,000	50,000	0												
2019	100,000	100,000	0												
2020	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 2021	Project Lead	Est. Completion Date											
2012	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Tom Graziano	Ongoing`											



# Project Version Summary

<b>Project #</b>	PFO-002-14	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Huron Lodge Facility Rehabilitation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																																																											
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.				Specific work identified at this time is as follows: 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)  An annual allotment of \$100,000 in 2028-2030 for various repairs, unexpected needs and maintenance.  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.																																																																																																																																																																																																																																																											
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																																																											
7153006																																																																																																																																																																																																																																																															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																																																											
				<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="3">Revenue</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th colspan="13"></th> </tr> </thead> <tbody> <tr> <td colspan="4"><b>Expenses</b></td> <td colspan="13"></td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> <td>5411 Construction Contracts-Non TCA</td> <td></td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> <td></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>100,000</td> <td>100,000</td> <td>100,000</td> <td>100,000</td> <td>1,900,000</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> <td>Total</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>100,000</td> <td>100,000</td> <td>100,000</td> <td>100,000</td> <td>1,900,000</td> </tr> <tr> <td>2024</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="4"><b>Revenues</b></td> <td colspan="10"></td> </tr> <tr> <td>2025</td> <td>750,000</td> <td>750,000</td> <td>0</td> <td>221 Service Sustainability Investm</td> <td></td> </tr> <tr> <td>2026</td> <td>750,000</td> <td>750,000</td> <td>0</td> <td></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>100,000</td> <td>100,000</td> <td>100,000</td> <td>100,000</td> <td>1,900,000</td> </tr> <tr> <td>2027</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td>Total</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>100,000</td> <td>100,000</td> <td>100,000</td> <td>100,000</td> <td>1,900,000</td> </tr> <tr> <td>2028</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td colspan="13"></td> </tr> <tr> <td>2029</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td colspan="13"></td> </tr> <tr> <td>2030</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td colspan="13"></td> </tr> <tr> <td colspan="2"><b>1,900,000</b></td> <td><b>1,900,000</b></td> <td><b>0</b></td> <td colspan="13"></td> </tr> </tbody> </table>															Revenue			GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	Year	Total Expense	Net City Cost	Subsidies														<b>Expenses</b>																	2021	0	0	0	5411 Construction Contracts-Non TCA													2022	0	0	0		0	0	0	0	750,000	750,000	100,000	100,000	100,000	100,000	100,000	1,900,000	2023	0	0	0	Total	0	0	0	0	750,000	750,000	100,000	100,000	100,000	100,000	100,000	1,900,000	2024	0	0	0	<b>Revenues</b>														2025	750,000	750,000	0	221 Service Sustainability Investm													2026	750,000	750,000	0		0	0	0	0	750,000	750,000	100,000	100,000	100,000	100,000	100,000	1,900,000	2027	100,000	100,000	0	Total	0	0	0	0	750,000	750,000	100,000	100,000	100,000	100,000	100,000	1,900,000	2028	100,000	100,000	0														2029	100,000	100,000	0														2030	100,000	100,000	0														<b>1,900,000</b>		<b>1,900,000</b>	<b>0</b>													
		Revenue			GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																																															
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																																																												
<b>Expenses</b>																																																																																																																																																																																																																																																															
2021	0	0	0	5411 Construction Contracts-Non TCA																																																																																																																																																																																																																																																											
2022	0	0	0		0	0	0	0	750,000	750,000	100,000	100,000	100,000	100,000	100,000	1,900,000																																																																																																																																																																																																																																															
2023	0	0	0	Total	0	0	0	0	750,000	750,000	100,000	100,000	100,000	100,000	100,000	1,900,000																																																																																																																																																																																																																																															
2024	0	0	0	<b>Revenues</b>																																																																																																																																																																																																																																																											
2025	750,000	750,000	0	221 Service Sustainability Investm																																																																																																																																																																																																																																																											
2026	750,000	750,000	0		0	0	0	0	750,000	750,000	100,000	100,000	100,000	100,000	100,000	1,900,000																																																																																																																																																																																																																																															
2027	100,000	100,000	0	Total	0	0	0	0	750,000	750,000	100,000	100,000	100,000	100,000	100,000	1,900,000																																																																																																																																																																																																																																															
2028	100,000	100,000	0																																																																																																																																																																																																																																																												
2029	100,000	100,000	0																																																																																																																																																																																																																																																												
2030	100,000	100,000	0																																																																																																																																																																																																																																																												
<b>1,900,000</b>		<b>1,900,000</b>	<b>0</b>																																																																																																																																																																																																																																																												
<b>Historical Approved Budget</b>																																																																																																																																																																																																																																																															
				<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="3">Revenue</th> <th colspan="10"></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th colspan="13"></th> </tr> </thead> <tbody> <tr> <td>2015</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td colspan="13"></td> </tr> <tr> <td>2016</td> <td>250,000</td> <td>250,000</td> <td>0</td> <td colspan="13"></td> </tr> <tr> <td>2017</td> <td>250,000</td> <td>250,000</td> <td>0</td> <td colspan="13"></td> </tr> <tr> <td>2020</td> <td>230,000</td> <td>230,000</td> <td>0</td> <td colspan="13"></td> </tr> </tbody> </table>															Revenue													Year	Total Expense	Net City Cost	Subsidies														2015	100,000	100,000	0														2016	250,000	250,000	0														2017	250,000	250,000	0														2020	230,000	230,000	0																																																																																																																																																								
		Revenue																																																																																																																																																																																																																																																													
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																																																												
2015	100,000	100,000	0																																																																																																																																																																																																																																																												
2016	250,000	250,000	0																																																																																																																																																																																																																																																												
2017	250,000	250,000	0																																																																																																																																																																																																																																																												
2020	230,000	230,000	0																																																																																																																																																																																																																																																												

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2014	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Mike Smithson	Ongoing`	0	0



# Project Version Summary

<b>Project #</b>	PFO-002-18	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Facility & Parks Building Demolitions		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				An annual allotment of \$100,000 in 2022-2024 and 2026-2027 to fund the demolitions. The funds will be assigned on a priority basis.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7189002																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	5410	Construction Contracts - TCA											
2022	100,000	100,000	0		0	100,000	100,000	100,000	0	100,000	100,000	0	0	0	500,000	
2023	100,000	100,000	0		Total	0	100,000	100,000	100,000	0	100,000	100,000	0	0	500,000	
2024	100,000	100,000	0	<b>Revenues</b>												
2025	0	0	0	221	Service Sustainability Investm											
2026	100,000	100,000	0		0	100,000	100,000	100,000	0	100,000	100,000	0	0	0	500,000	
2027	100,000	100,000	0		Total	0	100,000	100,000	100,000	0	100,000	100,000	0	0	500,000	
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>500,000</b>	<b>500,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2018	55,000	55,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				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			
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>								<b>Est. Completion Date</b>					

2018	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Tom Graziano	Ongoing`
------	-----------------	----------------------------------	--------------	----------



# Project Version Summary

<b>Project #</b>	PFO-002-19	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Fountain Restoration and Repairs		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
This project is intended to fund capital costs for ongoing maintenance and restoration of all Facilities fountains including repainting, retiling, pump repairs, etc.				<p>Specific work identified at this time is as follows:            2022 - 2023 - Peace Fountain (\$1,200,000)            2024 - Bert Weeks, Willistead and other fountain repairs (\$250,000)            2025 - 2028 - Peace Fountain (\$3,000,000)</p> <p>Below funding be prioritized based on identified needs:            2025 - (\$250,000)            2027 - (\$160,000)            2028 - (\$50,000)            2029 - (\$50,000)            2030 - (\$50,000)</p>												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7209008																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	5410	Construction Contracts - TCA											
2022	449,500	449,500	0		0	449,500	750,500	250,000	1,250,000	500,000	660,000	1,050,000	50,000	50,000	5,010,000	
2023	750,500	750,500	0													
2024	250,000	250,000	0													
2025	1,250,000	1,250,000	0	169	Pay As You Go - Capital Reserve											
2026	500,000	500,000	0		0	0	0	0	500,000	500,000	1,000,000	0	0	2,000,000		
2027	660,000	660,000	0	221	Service Sustainability Investm											
2028	1,050,000	1,050,000	0		0	449,500	750,500	250,000	1,250,000	0	160,000	50,000	50,000	50,000	3,010,000	
2029	50,000	50,000	0													
2030	50,000	50,000	0													
	<b>5,010,000</b>	<b>5,010,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2020	50,000	50,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>									<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	Any maintenance required prior to a full refurbishment may impact the operating budget.									0	0	

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2019	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Donovan Tremblay	`



# Project Version Summary

<b>Project #</b>	PFO-003-11	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Corporate Designated Substance Remediation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.  These substances are sometimes encountered unexpectedly during renovation projects or are discovered through a targeted investigation.				This program continues on an ongoing basis to fund any designated substance remediation as needed.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7001225 - This capital project replaces The Asbestos Abatement Program.																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>	5410	Construction Contracts - TCA											
2021	0	0	0		0	0	0	0	0	50,000	50,000	50,000	50,000	50,000	250,000	
2022	0	0	0		0	0	0	0	0	50,000	50,000	50,000	50,000	50,000	250,000	
2023	0	0	0		0	0	0	0	0	50,000	50,000	50,000	50,000	50,000	250,000	
2024	0	0	0		0	0	0	0	0	50,000	50,000	50,000	50,000	50,000	250,000	
2025	0	0	0		0	0	0	0	0	50,000	50,000	50,000	50,000	50,000	250,000	
2026	50,000	50,000	0	221	Service Sustainability Investm											
2027	50,000	50,000	0		0	0	0	0	0	50,000	50,000	50,000	50,000	50,000	250,000	
2028	50,000	50,000	0		0	0	0	0	0	50,000	50,000	50,000	50,000	50,000	250,000	
2029	50,000	50,000	0		0	0	0	0	0	50,000	50,000	50,000	50,000	50,000	250,000	
2030	50,000	50,000	0		0	0	0	0	0	50,000	50,000	50,000	50,000	50,000	250,000	
	<b>250,000</b>	<b>250,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Revenues</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>	221	Service Sustainability Investm											
2017	100,000	100,000	0		0	0	0	0	0	50,000	50,000	50,000	50,000	50,000	250,000	
2019	100,000	100,000	0		0	0	0	0	0	50,000	50,000	50,000	50,000	50,000	250,000	
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	If the remediation required exceeds currently available funds, the impact on the operating budget will be significant.								0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												

2011	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %	Tom Graziano	Ongoing`
------	-----------------	----------------------------------	--------------	----------



# Project Version Summary

<b>Project #</b>	PFO-003-13	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	401 Riverside Drive W Capital Refurbishment		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Projected capital costs for the ongoing maintenance of the Art Gallery of Windsor and Chimczuk Museum.				The Art Gallery of Windsor and the Chimczuk Museum require funds for various capital repairs and maintenance going forward.  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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7119006																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>														
		<b>Net City Cost</b>	<b>Subsidies</b>													
2021	75,000	75,000	0													
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	125,000	125,000	0													
2029	100,000	100,000	0													
2030	100,000	100,000	0													
	<b>800,000</b>	<b>800,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>														
		<b>Net City Cost</b>	<b>Subsidies</b>													
2018	1,320,000	1,320,000	0													
2019	40,000	40,000	0													
2020	30,000	30,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Precedes</b>	<b>Project Title</b>			<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
REC-001-14	Museum Expansion			Unknown	No operating budget impact.								0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2013	January 1, 2018	Growth: 0.0 % Maintenance: 100.0 %		Tom Graziano					Ongoing							



# Project Version Summary

<b>Project #</b>	PFO-003-14	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Corporate Facilities Boiler Replacement Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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.	<p>The Building Condition Assessment project and continued collection of asset data will assist the department in inventory and detailing a replacement schedule.</p> <p>An annual budget of \$50,000 in 2022-2025, \$150,000 in 2026-2027 and \$50,000 in 2028-2030 is being requested to replace aging boilers as they approach the end of their useful life.</p> <p>Specific work identified at this time is as follows: 2026 - Paul Martin Building Boilers Replacement (\$800,000)</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>

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7142001	

<b>Project Forecast</b>	<b>Project Detailed Forecast</b>																																																																																																																																						
<table border="1"> <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>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>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>950,000</td><td>950,000</td><td>0</td></tr> <tr><td>2027</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2028</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2029</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2030</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td><b>Total</b></td><td><b>1,450,000</b></td><td><b>1,450,000</b></td><td><b>0</b></td></tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	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	950,000	950,000	0	2027	150,000	150,000	0	2028	50,000	50,000	0	2029	50,000	50,000	0	2030	50,000	50,000	0	<b>Total</b>	<b>1,450,000</b>	<b>1,450,000</b>	<b>0</b>	<table border="1"> <thead> <tr> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td>0</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>950,000</td> <td>150,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>1,450,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>0</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>950,000</b></td> <td><b>150,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>1,450,000</b></td> </tr> <tr> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>221 Service Sustainability Investm</td> <td>0</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>950,000</td> <td>150,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>1,450,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>0</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>950,000</b></td> <td><b>150,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>1,450,000</b></td> </tr> </tbody> </table>	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>												5410 Construction Contracts - TCA	0	50,000	50,000	50,000	50,000	950,000	150,000	50,000	50,000	50,000	1,450,000	<b>Total</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>950,000</b>	<b>150,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>1,450,000</b>	<b>Revenues</b>												221 Service Sustainability Investm	0	50,000	50,000	50,000	50,000	950,000	150,000	50,000	50,000	50,000	1,450,000	<b>Total</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>950,000</b>	<b>150,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>1,450,000</b>
Year			Total Expense	Revenue																																																																																																																																			
	Net City Cost	Subsidies																																																																																																																																					
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	950,000	950,000	0																																																																																																																																				
2027	150,000	150,000	0																																																																																																																																				
2028	50,000	50,000	0																																																																																																																																				
2029	50,000	50,000	0																																																																																																																																				
2030	50,000	50,000	0																																																																																																																																				
<b>Total</b>	<b>1,450,000</b>	<b>1,450,000</b>	<b>0</b>																																																																																																																																				
GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																												
<b>Expenses</b>																																																																																																																																							
5410 Construction Contracts - TCA	0	50,000	50,000	50,000	50,000	950,000	150,000	50,000	50,000	50,000	1,450,000																																																																																																																												
<b>Total</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>950,000</b>	<b>150,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>1,450,000</b>																																																																																																																												
<b>Revenues</b>																																																																																																																																							
221 Service Sustainability Investm	0	50,000	50,000	50,000	50,000	950,000	150,000	50,000	50,000	50,000	1,450,000																																																																																																																												
<b>Total</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>950,000</b>	<b>150,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>1,450,000</b>																																																																																																																												

<b>Historical Approved Budget</b>																			
<table border="1"> <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>2014</td><td>55,500</td><td>55,500</td><td>0</td></tr> <tr><td>2015</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2019</td><td>89,500</td><td>89,500</td><td>0</td></tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2014	55,500	55,500	0	2015	50,000	50,000	0	2019	89,500	89,500	0	
Year			Total Expense	Revenue															
	Net City Cost	Subsidies																	
2014	55,500	55,500	0																
2015	50,000	50,000	0																
2019	89,500	89,500	0																

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2014	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Tom Graziano	Ongoing`	0	0



# Project Version Summary

<b>Project #</b>	PFO-004-12	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Corporate Facilities Building Condition Assessments		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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 2021-2023, \$200,000 in 2026-2028 and \$100,000 in 2029-2030 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.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7141021	

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		Revenue		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	50,000	50,000	0	5410	Construction Contracts - TCA											
2022	50,000	50,000	0		50,000	50,000	50,000	0	0	200,000	200,000	200,000	100,000	100,000	950,000	
2023	50,000	50,000	0		Total	50,000	50,000	50,000	0	0	200,000	200,000	200,000	100,000	100,000	950,000
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	221	Service Sustainability Investm											
2026	200,000	200,000	0		50,000	50,000	50,000	0	0	200,000	200,000	200,000	100,000	100,000	950,000	
2027	200,000	200,000	0		Total	50,000	50,000	50,000	0	0	200,000	200,000	200,000	100,000	100,000	950,000
2028	200,000	200,000	0													
2029	100,000	100,000	0													
2030	100,000	100,000	0													
	<b>950,000</b>	<b>950,000</b>	<b>0</b>													

<b>Historical Approved Budget</b>			
		Revenue	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>
2014	300,000	0	300,000
2019	50,000	50,000	0
2020	50,000	50,000	0

<b>Related Projects</b>	<b>Operating Budget Impact</b>								
	<table border="1"> <tr> <td><b>Effective Date</b></td> <td><b>Description</b></td> <td><b>Exp/(Rev)</b></td> <td><b>FTE Impact</b></td> </tr> <tr> <td>Unknown</td> <td>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.</td> <td>0</td> <td>0</td> </tr> </table>	<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>	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
<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>						
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 2021	Project Lead	Est. Completion Date
2012	January 1, 2014	Growth: 0.0 % Maintenance: 100.0 %	Tom Graziano	Ongoing`





# Project Version Summary

<b>Project #</b>	PFO-008-21	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Corporate Electrical Replacement/Repair Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
To implement a proactive mechanism to allow electrical system replacement to be planned for within the capital budget.				<p>This project will provide preventative maintenance on all city electrical systems to prevent system failures and extend their useful life.</p> <p>An annual allotment of \$150,000 in 2028-2030 is requested to cover material costs for capital maintenance that may arise in the year.</p> <p>2028 - Paul Martin Building Fire Alarm Systems (\$600k)</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>												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		Revenue														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
				<b>Expenses</b>												
2021	0	0	0	5410	Construction Contracts - TCA											
2022	0	0	0		0	0	0	0	0	0	0	750,000	150,000	150,000	1,050,000	
2023	0	0	0		Total											0
2024	0	0	0		0	0	0	0	0	0	0	750,000	150,000	150,000	1,050,000	
2025	0	0	0	<b>Revenues</b>												
2026	0	0	0	221	Service Sustainability Investm											
2027	0	0	0		0	0	0	0	0	0	0	750,000	150,000	150,000	1,050,000	
2028	750,000	750,000	0		Total											0
2029	150,000	150,000	0		0	0	0	0	0	0	0	750,000	150,000	150,000	1,050,000	
2030	150,000	150,000	0		0	0	0	0	0	0	0	750,000	150,000	150,000	1,050,000	
	<b>1,050,000</b>	<b>1,050,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>							<b>Est. Completion Date</b>					
2021		Growth: 0.0 % Maintenance: 0.0 %														



## Project Version Summary

<b>Project #</b>	PFO-009-11	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Corporate Heating & Cooling Replacement/Repair Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>To implement a proactive mechanism to allow heating and cooling system replacement to be planned for within the capital budget.</p>	<p>This project will provide preventative maintenance on all city heating and cooling units to prevent system failures and extend their useful life.</p> <p>2021 to 2030 - An annual allotment will be allocated based on Building Condition Assessments and other identified needs.</p> <p>Specific work identified at this time is as follows:</p> <p>2021 - CPRC Ice Chillers (\$300,000)            2022 - Capitol Theatre HVAC Replacement (\$1,200,000), Grease Interceptors (\$60,000), and BAS Upgrades (\$50,000)            2023 - Adie Knox Pool Dectron, Cooling Tower and Heat Exchanger (\$1,000,000), and Gino Marcus Roof Top Units (\$175,000)            2026 - WFCU Rooftop Unit Compressors (\$30,000)            2029 - PMB Heating &amp; Cooling Equipment (\$500,000)            2030 - PMB Chillers (\$600,000) &amp; Cooling tower (\$200,000)</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
<p>7121006 (Closed) / 7142000</p>	<p>PLACEHOLDER:            CR576, C 224/2020- \$1,200,000 F221 2022 - deemed placeholder pending notification of Legacy Fund – Building Communities Through Arts and Heritage Grant(Capitol Theatre Legacy Grant)</p>

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	400,000	400,000	0	5410	Construction Contracts - TCA											
2022	1,335,000	1,335,000	0		400,000	1,335,000	1,350,000	100,000	500,000	1,130,000	600,000	1,000,000	1,500,000	1,800,000	9,715,000	
2023	1,350,000	1,350,000	0		Total	400,000	1,335,000	1,350,000	100,000	500,000	1,130,000	600,000	1,000,000	1,500,000	1,800,000	9,715,000
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		400,000	135,000	1,350,000	100,000	500,000	1,130,000	600,000	1,000,000	1,500,000	1,800,000	8,515,000	
2027	600,000	600,000	0	221CF	Committed Funding											
2028	1,000,000	1,000,000	0		0	1,200,000	0	0	0	0	0	0	0	0	1,200,000	
2029	1,500,000	1,500,000	0		Total	400,000	1,335,000	1,350,000	100,000	500,000	1,130,000	600,000	1,000,000	1,500,000	1,800,000	9,715,000
2030	1,800,000	1,800,000	0													
	<b>9,715,000</b>	<b>9,715,000</b>	<b>0</b>													
Historical Approved Budget																
		Revenue														
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													
2020	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 2021		Project Lead				Est. Completion Date								
2011	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Tom Graziano				Ongoing`								



# Project Version Summary

<b>Project #</b>	PFO-010-11	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Corporate Facilities Interior Renovation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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 allotment will be allocated 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.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7155001/7159011	

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>											
2021	0	0	0	5410	Construction Contracts - TCA										
2022	100,000	100,000	0		0	100,000	100,000	50,000	50,000	100,000	100,000	750,000	750,000	750,000	2,750,000
2023	100,000	100,000	0		Total	0	100,000	100,000	50,000	50,000	100,000	100,000	750,000	750,000	2,750,000
2024	50,000	50,000	0	<b>Revenues</b>											
2025	50,000	50,000	0	169	Pay As You Go - Capital Reserve										
2026	100,000	100,000	0		0	0	0	0	0	0	0	0	0	0	0
2027	100,000	100,000	0	221	Service Sustainability Investm										
2028	750,000	750,000	0		0	100,000	100,000	50,000	50,000	100,000	100,000	750,000	750,000	750,000	2,750,000
2029	750,000	750,000	0		Total	0	100,000	100,000	50,000	50,000	100,000	100,000	750,000	750,000	2,750,000
2030	750,000	750,000	0												
	<b>2,750,000</b>	<b>2,750,000</b>	<b>0</b>												

<b>Historical Approved Budget</b>			
		<b>Revenue</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>
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		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2011	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Tom Graziano	Ongoing`	0	0
					Unknown	No operating budget impact.



# Project Version Summary

<b>Project #</b>	PFO-013-21	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Corporate Facility Equipment Maintenance Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
To repair and replace infrastructure equipment within Facilities. The 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 infrastructure equipment, such as pumps, dock leveler, and trash compactor, etc. This budget will ensure that funds are available when infrastructure equipment throughout Facilities fails or needs replacement.	<p>Specific work identified at this time is as follows:</p> <p>2021 - Outdoor pool equipment maintenance (\$36,000) /CHEMTROL system maintenance (\$27,000)</p> <p>2022 - Outdoor pool equipment maintenance (\$36,000) /Adventure Bay Themeing replacement (\$196,800)</p> <p>2023 - Outdoor pool equipment maintenance (\$48,000)</p> <p>2024 - Outdoor pool equipment maintenance (\$48,000) /CHEMTROL system maintenance (\$27,000)</p> <p>2025 - Outdoor pool and Adie Knox equipment maintenance (\$75,000) /Gino Marcus CHEMTROL system (\$10,000)</p> <p>2026 - Adventure Bay (\$1,000,000); Outdoor pool maintenance (\$90,000)</p> <p>2027 - Outdoor pool maintenance and Adie Knox mechanical upgrades (\$2,000,000)</p> <p>2028 - Adventure Bay Sound system (\$150,000)</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>

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7219012	

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	63,000	63,000	0	5410	Construction Contracts - TCA											
2022	232,800	232,800	0		63,000	232,800	48,000	75,000	85,000	1,090,000	2,000,000	150,000	0	0	3,743,800	
2023	48,000	48,000	0		Total	63,000	232,800	48,000	75,000	85,000	1,090,000	2,000,000	150,000	0	0	3,743,800
2024	75,000	75,000	0	<b>Revenues</b>												
2025	85,000	85,000	0	125	Dev Chg - Indoor Recreation											
2026	1,090,000	1,090,000	0		63,000	22,800	0	0	0	0	0	0	0	0	85,800	
2027	2,000,000	2,000,000	0	221	Service Sustainability Investm											
2028	150,000	150,000	0		0	210,000	48,000	75,000	85,000	1,090,000	2,000,000	150,000	0	0	3,658,000	
2029	0	0	0		Total	63,000	232,800	48,000	75,000	85,000	1,090,000	2,000,000	150,000	0	0	3,743,800
2030	0	0	0													
	<b>3,743,800</b>	<b>3,743,800</b>	<b>0</b>													

<b>Historical Approved Budget</b>	
-----------------------------------	--

<b>Related Projects</b>	<b>Operating Budget Impact</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
------------------------	-------------------	------------------------------	---------------------	-----------------------------

2021		Growth: 0.0 % Maintenance: 100.0 %		
------	--	------------------------------------	--	--



## Project Version Summary

<b>Project #</b>	PFO-014-07	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Corporate Facilities Health & Safety Compliance		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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.</p> <p>Facilities Operations finds itself called upon to resolve Health &amp; 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 &amp; 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 &amp; Safety related replacements will steadily increase.</p>	<p>Issues that will require attention as a result of various Provincial Ministry and Municipal orders include but are not limited to the following:</p> <ul style="list-style-type: none"> <li>- mould remediation</li> <li>- work environment illumination levels as set forth by the Ministry of Labour</li> <li>- washroom rehabilitation</li> <li>- sidewalk/pathway trip hazards</li> <li>- flooring trip hazards &amp; other structural hazards</li> <li>- air quality &amp; noise replacements</li> <li>- arc flash &amp; shock protection assessments</li> <li>- electrical safety authority orders to comply</li> <li>- fire prevention officer orders to comply</li> </ul> <p>Outstanding orders from both the ESA and our own Health &amp; 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.</p>
Project Comments/Reference	Version Comments
7086007	

Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies	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	100,000	100,000	1,000,000	
2023	100,000	100,000	0		Total	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000	
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	100,000	100,000	1,000,000	
2027	100,000	100,000	0		Total	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000	
2028	100,000	100,000	0													
2029	100,000	100,000	0													
2030	100,000	100,000	0													
	<b>1,000,000</b>	<b>1,000,000</b>	<b>0</b>													
Historical Approved Budget																
Year	Total Expense	Revenue														
		Net City Cost	Subsidies													
2007	75,000	75,000	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													
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 2021		Project Lead					Est. Completion Date							
2007	January 1, 2007	Growth: 0.0 % Maintenance: 100.0 %		Tom Graziano					Ongoing`							



# Project Version Summary

<b>Project #</b>	PFO-014-21	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Access Control System Replacement		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description				Version Description												
<p>The physical access control system determines who is allowed to enter or exit, as well as where and when they are allowed to enter or exit. The current access control system is approaching its end-of-life, will ultimately be discontinued, and parts and support will steadily become unavailable.</p> <p>This project will plan for, design and implement a replacement for the corporate access control system to maintain a safe and secure environment. The scope will include, but not be limited to a replacement of the access control system hardware and software, replace infrastructure (readers, cabling, etc.) where required, add access control locations where required, ensure integration with the Workforce Management system, ensure integration with other corporate security systems, replace access cards with the latest security technology, programming, commissioning, training and service &amp; support.</p>																
Project Comments/Reference				Version Comments												
Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	0	0	0	<b>Expenses</b>												
2022	0	0	0	5410	Construction Contracts - TCA											
2023	0	0	0		0	0	0	0	0	0	0	1,850,000	0	0	1,850,000	
2024	0	0	0	Total	0	0	0	0	0	0	0	1,850,000	0	0	1,850,000	
2025	0	0	0	<b>Revenues</b>												
2026	0	0	0	221	Service Sustainability Investm											
2027	0	0	0		0	0	0	0	0	0	0	1,850,000	0	0	1,850,000	
2028	1,850,000	1,850,000	0	Total	0	0	0	0	0	0	0	1,850,000	0	0	1,850,000	
2029	0	0	0													
2030	0	0	0													
	<b>1,850,000</b>	<b>1,850,000</b>	<b>0</b>													
Historical Approved Budget																

Related Projects		Operating Budget Impact		
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2021		Growth: 0.0 % Maintenance: 0.0 %		



# Project Version Summary

<b>Project #</b>	REC-004-08	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	The WFCU Centre Capital Rehabilitation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 6		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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.	The WFCU is highly used by the City and other tenants such as Ovations, Seniors Group, Windsor Spitfires, Windsor Express and Spectra Venue Management.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
See document attached for complete listing. 7064900 / 7141006 (Closed) / 7161046 / 7161055	COMMITMENTS: CR305/2016 - C 171/2016 - 2021 F221 \$698,441

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	978,441	978,441	0	5410	Construction Contracts - TCA											
2022	0	0	0		978,441	0	650,000	0	200,000	540,000	790,000	300,000	300,000	300,000	4,058,441	
2023	650,000	650,000	0	Total											4,058,441	
2024	0	0	0	<b>Revenues</b>												
2025	200,000	200,000	0	221	Service Sustainability Investm											
2026	540,000	540,000	0		280,000	0	650,000	0	200,000	540,000	790,000	300,000	300,000	300,000	3,360,000	
2027	790,000	790,000	0	221CF	Committed Funding											
2028	300,000	300,000	0		698,441	0	0	0	0	0	0	0	0	0	698,441	
2029	300,000	300,000	0	Total											4,058,441	
2030	300,000	300,000	0		978,441	0	650,000	0	200,000	540,000	790,000	300,000	300,000	300,000	4,058,441	
	<b>4,058,441</b>	<b>4,058,441</b>	<b>0</b>													

<b>Historical Approved Budget</b>			
		<b>Revenue</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>
2014	26,000	26,000	0
2016	340,000	340,000	0
2017	430,000	430,000	0
2019	200,000	200,000	0
2020	480,000	480,000	0

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2021	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**

<b>2021</b>	
Replacement of Four Sliding Entrance Doors	60,000
Building Upgrades	220,000
Domestic hot water holding tanks	-
Vestibule in Pool Corridor	-
Memorial Cup Upgrades in 2017	698,441
<b>Total</b>	<b>978,441</b>

<b>2022</b>	
<b>Total</b>	<b>-</b>

<b>2023</b>	
Structural Assessments	30,000
Mechanical/Areana Upgrades	170,000
Rooftop Duct Insolation	450,000
Rubber flooring	-
Dressing Room Refurbishment	-
Sliding Doors CC Side to Bowl	-
Maintenance Equipment Replacement	-
Add Cameras to Rink Surface Areas	-
<b>Total</b>	<b>650,000</b>

<b>2024</b>	
-------------	--

**Project Attachment  
For 2020**

<b>Project No.</b>	<b>REC-004-08</b>
<b>Total</b>	<b>-</b>

**2025**

Mechanical/Areana Upgrades	200,000
<b>Total</b>	<b>200,000</b>

**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)	-
<b>Total</b>	<b>540,000</b>

**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	-
<b>Total</b>	<b>790,000</b>

**2028**

Structural Assessments	40,000
Mechanical/Arena Upgrades	260,000

**Project Attachment  
For 2020**

<b>Project No.</b>	<b>REC-004-08</b>	
	HVAC Unit Replacements	-
	Bowl Boards Replacement	-
	Suite Level Refurbishment	-
	Intrusion Alarm	
		<b>300,000</b>

**2029**

Mechanical/Arena Upgrades	300,000
Install sliding doors/vestibule (Gates 1 and 4)	-
Pool Mechanical Upgrades	-
Card Access System	
<b>Total</b>	<b>300,000</b>

**2030**

Mechanical/Arena Upgrades	300,000
<b>Total</b>	<b>300,000</b>



## Project Version Summary

<b>Project #</b>	REC-005-07	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Corporate Arena Refurbishments		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1, Ward 3, Ward 7		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></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><b>Version Description</b></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><b>Project Comments/Reference</b></p> <p>See document attached for complete listing. 7069036</p>	<p><b>Version Comments</b></p>

Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	250,000	250,000	0	<b>Expenses</b>												
2022	375,000	375,000	0	5410	Construction Contracts - TCA											
2023	200,000	200,000	0		250,000	375,000	200,000	1,000,000	200,000	1,090,000	1,000,000	0	0	0	4,115,000	
2024	1,000,000	1,000,000	0		Total	250,000	375,000	200,000	1,000,000	200,000	1,090,000	1,000,000	0	0	0	4,115,000
2025	200,000	200,000	0	<b>Revenues</b>												
2026	1,090,000	1,090,000	0	221	Service Sustainability Investm											
2027	1,000,000	1,000,000	0		250,000	375,000	200,000	1,000,000	200,000	1,090,000	1,000,000	0	0	0	4,115,000	
2028	0	0	0		Total	250,000	375,000	200,000	1,000,000	200,000	1,090,000	1,000,000	0	0	0	4,115,000
2029	0	0	0													
2030	0	0	0													
	<b>4,115,000</b>	<b>4,115,000</b>	<b>0</b>													
Historical Approved Budget																
Year	Total Expense	Revenue														
		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													
2020	280,000	280,000	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 2021		Project Lead					Est. Completion Date							
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Ray Mensour					Ongoing`							

**Project Attachment  
For 2021**

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

<b>2021</b>	
Mechanical/Arena Upgrade	250,000
Rink Cameras - FGA	-
<b>Total</b>	<b>250,000</b>

<b>2022</b>	
Mechanical/Arena Upgrade	375,000
Rink Cameras - CPRC	-
Replace Rink/Lobby Glass	-
<b>Total</b>	<b>375,000</b>

<b>2023</b>	
Structural Assessments	30,000
Mechanical/Arena Upgrade	170,000
<b>Total</b>	<b>200,000</b>

<b>2024</b>	
Mechanical/Arena Upgrade	1,000,000
HVAC Units	-
Rubber Flooring	-
<b>Total</b>	<b>1,000,000</b>

**Project Attachment  
For 2021**

**Project No. REC-005-07**

<b>2025</b>	
Mechanical/Arena Upgrade	200,000
<b>Total</b>	<b>200,000</b>

<b>2026</b>	
Structural Assessments	30,000
Mechanical/Arena Upgrade	550,000
CPRC Dressing Room Repairs (Insulation)	200,000
CPRC Lobby South End Entrance	150,000
CPRC Sliding Rink Door	60,000
CPRC Hand Dryers	25,000
CPRC Rink Cameras	25,000
Forest Glade Arena Hand Dryers	25,000
Forest Glade Arena Rink Cameras	25,000
<b>Total</b>	<b>1,090,000</b>

<b>2027</b>	
Mechanical/Arena Upgrade	600,000
Rubber Flooring	300,000
CPRC Score Clock Replacement	50,000
Forest Glade Arena Score Clock Replacement	50,000
<b>Total</b>	<b>1,000,000</b>

<b>2028</b>	
Forest Glade Arena Dressing Room Expansion	-
Adie Knox Arena Dehumidification	-
<b>Total</b>	<b>-</b>

**Project Attachment  
For 2021**

**Project No. REC-005-07**

<b>2029</b>	
Structural Assessments	-
Mechanical/Arena Upgrade	-
Rubber Flooring (All Facilities)	-
Refrigeration Equipment Replacement	-
<b>Total</b>	<b>-</b>
<b>2030</b>	
<b>Total</b>	<b>-</b>



## Project Version Summary

<b>Project #</b>	REC-006-07	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facilities
<b>Title</b>	Mackenzie Hall Repair and Maintenance		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>A 2003 Condition Assessment &amp; Strategy for Repair &amp; Maintenance of Heritage Properties report by architect George Robb &amp; 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.</p> <p>There has since been additional assessments performed on this building with regards to the roof replacement and other restorative recommendations.</p>	<p>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 2030 - \$300,000.</p> <p>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)</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
7073051	

Project Forecast				Project Detailed Forecast											
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
		Net City Cost	Subsidies												
2021	0	0	0	<b>Expenses</b>											
2022	50,000	50,000	0	5410	Construction Contracts - TCA										
2023	250,000	250,000	0		0	50,000	250,000	0	0	375,000	2,150,000	0	0	300,000	3,125,000
2024	0	0	0		Total										
2025	0	0	0	<b>Revenues</b>											
2026	375,000	375,000	0	221	Service Sustainability Investm										
2027	2,150,000	2,150,000	0		0	50,000	250,000	0	0	375,000	2,150,000	0	0	300,000	3,125,000
2028	0	0	0		Total										
2029	0	0	0												
2030	300,000	300,000	0												
	<b>3,125,000</b>	<b>3,125,000</b>	<b>0</b>												
Historical Approved Budget															
Year	Total Expense	Revenue													
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											
				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	
Year Identified	Start Date	Project Type for 2021		Project Lead				Est. Completion Date							
2007	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		Derek Thachuk				Ongoing`							



# Project Version Summary

<b>Project #</b>	ECB-004-18	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Wigle Park Capital Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7186000				COMMITMENT: CR4/2019 - C 217/2018 - 2023 F169 \$175,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	5410 Construction Contracts - TCA												
2021	0	0	0	0 0 325,000 0 145,000 0 0 0 0 0 0												
2022	0	0	0	Total 0 0 325,000 0 145,000 0 0 0 0 0 0												
2023	325,000	325,000	0	<b>Revenues</b>												
2024	0	0	0	169 Pay As You Go - Capital Reserve												
2025	145,000	145,000	0	0 0 150,000 0 145,000 0 0 0 0 0 0												
2026	0	0	0	169CF Committed Funding												
2027	0	0	0	0 0 175,000 0 0 0 0 0 0 0 0												
2028	0	0	0	Total 0 0 325,000 0 145,000 0 0 0 0 0 0												
2029	0	0	0													
2030	0	0	0													
<b>470,000</b>				<b>470,000</b>												
<b>0</b>																
<b>Historical Approved Budget</b>																
				<b>Revenue</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2019	150,000	150,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>					<b>Est. Completion Date</b>								
2018	March 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Darron Ahlstedt					TBD`								



# Project Version Summary

<b>Project #</b>	ECB-011-18	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Stodgell Park Redevelopment		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 4		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7182019				COMMITMENT: CR4/2019 - C 217/2018 - 2023 F169 \$460,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	5410 Construction Contracts - TCA												
2021	0	0	0	0 0 460,000 0 0 0 0 0 0 0 0 0 460,000												
2022	0	0	0	0 0 460,000 0 0 0 0 0 0 0 0 0 460,000												
2023	460,000	460,000	0	Total 0 0 460,000 0 0 0 0 0 0 0 0 0 460,000												
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169CF Committed Funding												
2026	0	0	0	0 0 460,000 0 0 0 0 0 0 0 0 0 460,000												
2027	0	0	0	Total 0 0 460,000 0 0 0 0 0 0 0 0 0 460,000												
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
<b>460,000</b>				<b>460,000</b>												
<b>0</b>																
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Heidi Baillargeon/ Trevor Duquette	2023`												



# Project Version Summary

<b>Project #</b>	ECB-026-18	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Elizabeth Kishkon Park - Install Washroom		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 7		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7171024				COMMITMENT: CR507/2018 - S 138/2018 - 2023 F169 \$400,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	5410 Construction Contracts - TCA												
2022	150,000	150,000	0	0 150,000 450,000 0 0 0 0 0 0 0 0 0 0 600,000												
2023	450,000	450,000	0	Total 0 150,000 450,000 0 0 0 0 0 0 0 0 0 0 600,000												
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169 Pay As You Go - Capital Reserve												
2026	0	0	0	0 150,000 50,000 0 0 0 0 0 0 0 0 0 200,000												
2027	0	0	0	169CF Committed Funding												
2028	0	0	0	0 0 400,000 0 0 0 0 0 0 0 0 0 400,000												
2029	0	0	0	Total 0 150,000 450,000 0 0 0 0 0 0 0 0 0 0 600,000												
2030	0	0	0													
<b>600,000</b>				<b>600,000</b>												
<b>0</b>																
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Heidi Baillargeon	TBD`												



# Project Version Summary

<b>Project #</b>	ECB-028-18	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Improvements to Peche Island and Boat Access		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 7		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Funding for this project includes the purchase of pontoon boat, restorations to trails, washroom improvements, restoration of bridges and docks along with shoreline preservation.				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.												
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.				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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7183012, 7193002, 7193003				COMMITMENTS: B18/2021, C 20/2021 \$800,000 F169 2023												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>													
		<b>Net City Cost</b>														
2021	0	0	0	5410	Construction Contracts - TCA											
2022	0	0	0		0	0	800,000	0	0	0	0	0	0	0	800,000	
2023	800,000	800,000	0	Total	0	0	800,000	0	0	0	0	0	0	0	800,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
2027	0	0	0	169CF	Committed Funding											
2028	0	0	0		0	0	800,000	0	0	0	0	0	0	0	800,000	
2029	0	0	0	Total	0	0	800,000	0	0	0	0	0	0	0	800,000	
2030	0	0	0													
	<b>800,000</b>	<b>800,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>													
		<b>Net City Cost</b>														
2019	3,750,000	3,750,000	0													
2020	68,000	68,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												

2018	March 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Jan Wilson/ James Chacko	TBD`
------	---------------	----------------------------------	--------------------------	------



# Project Version Summary

<b>Project #</b>	ECB-029-18	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Wayfinding Signage and Markers - Ganatchio Trail/Little River		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 6, Ward 7		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Wayfinding Signage and Markers is a very important program and safety feature in our parks which includes the installation of signs and kiosks along trails and throughout parks to help pedestrians orient themselves and navigate through parks. It is also a very important program to continue from a safety perspective to aid Police Fire and EMS to precise locations within our parks when people are in trouble.				2023- Installation of wayfinding signage and markers along the Little River Corridor extension of the Ganatchio Trail to improve orientation for users and emergency services \$100,000 2026- East End Radcliff trails and Malden park Trails \$0 2027- Riverfront Wayfinding Signage and Markers Design and Consulting \$0 2028- Riverfront Wayfinding Signage and Markers Implementation \$0 2029- Ojibway and West End Natural Areas \$0 2030- Woodlots and Natural Area Park Trails \$0												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7181047				COMMITMENT: CR4/2019 - C 217/2018 -2023 F169 \$100,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	5410	Construction Contracts - TCA											
2022	0	0	0		0	0	100,000	0	0	0	0	0	0	0	100,000	
2023	100,000	100,000	0	Total	0	0	100,000	0	0	0	0	0	0	0	100,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
2027	0	0	0	169CF	Committed Funding											
2028	0	0	0		0	0	100,000	0	0	0	0	0	0	0	100,000	
2029	0	0	0	Total	0	0	100,000	0	0	0	0	0	0	0	100,000	
2030	0	0	0													
	<b>100,000</b>	<b>100,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
<b>Related Projects</b>																
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>						<b>Est. Completion Date</b>						
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Heidi Baillargeon/ Trevor Duquette						2023`						



# Project Version Summary

<b>Project #</b>	ECB-041-18	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Off-Road Cycling Trails		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 2, Ward 7		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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 2022- Addition funding to complete Malden Park trail \$200,000 2023- Malden Park and Little River Corridor Park single trails/ Pump Track at Little River Corridor Park \$500,000; Additional funding required for Little River Corridor Park \$200,000 2024- Additional funding required for Little River Corridor Park \$0 2028- Future Bike Park Development- planning and design \$0												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7182020				COMMITMENT: CR4/2019 - C 217/2018 - 2023 F169 \$500,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>	<b>Expenses</b>												
		<b>Net City Cost</b>		5410	Construction Contracts - TCA											
2021	200,000	200,000	0		200,000	200,000	700,000	0	0	0	0	0	0	0	1,100,000	
2022	200,000	200,000	0													
2023	700,000	700,000	0		Total	200,000	200,000	700,000	0	0	0	0	0	0	1,100,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		200,000	200,000	200,000	0	0	0	0	0	0	0	600,000	
2027	0	0	0	169CF	Committed Funding											
2028	0	0	0		0	0	500,000	0	0	0	0	0	0	0	500,000	
2029	0	0	0		Total	200,000	200,000	700,000	0	0	0	0	0	0	1,100,000	
2030	0	0	0													
	<b>1,100,000</b>	<b>1,100,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	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		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2018	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %		Heidi Baillargeon/ Trevor Duquette					TBD`							



# Project Version Summary

<b>Project #</b>	ENG-002-14	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Riverside Drive Retaining Wall - Design & Construction & Facility Requirements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 3, Ward 4		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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. Phase 1 of retaining runs from Glengarry to McDougal was completed in 2019/2020. The remaining wall will run from McDougal to Vane Udine Cr. The remaining portion of this retaining wall will provide stabilization for the roadway along riverside drive and will allow of a multiuse walkway to continually run along the length of riverside drive as per the Vista Riverside Drive Improvement Project.				2022: Permanent Electrical Panels - \$50,000 2028: Phase 2 Retaining wall Design Drawings \$250,000 2029: Phase 2 Continuation of the wall \$750,000 2030: Phase 2 Continuation of the wall \$750,000												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7182021 (closed), 7152005 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.																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>	<b>Expenses</b>												
		<b>Net City Cost</b>		5410	Construction Contracts - TCA											
2021	0	0	0		0	50,000	0	0	0	0	0	250,000	750,000	750,000	1,800,000	
2022	50,000	50,000	0		0	50,000	0	0	0	0	250,000	750,000	750,000	1,800,000		
2023	0	0	0	Total	0	50,000	0	0	0	0	250,000	750,000	750,000	1,800,000		
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		0	37,500	0	0	0	0	250,000	750,000	750,000	1,787,500		
2027	0	0	0	221	Service Sustainability Investm											
2028	250,000	250,000	0		0	12,500	0	0	0	0	0	0	0	12,500		
2029	750,000	750,000	0	Total	0	50,000	0	0	0	0	250,000	750,000	750,000	1,800,000		
2030	750,000	750,000	0													
	<b>1,800,000</b>	<b>1,800,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
				<b>Operating Budget Impact</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>	<b>Effective Date</b>	<b>Description</b>							<b>Exp/(Rev)</b>	<b>FTE Impact</b>			
2019	675,000	675,000	0	Unknown	No operating budget impact.							0	0			
2020	675,000	675,000	0													
<b>Related Projects</b>																

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2014	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Heidi Baillargeon	2019`



# Project Version Summary

<b>Project #</b>	PFO-001-14	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Central Riverfront Park Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 2, Ward 3, Ward 4		
<b>Version Name</b>	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.				2022: Central Riverfront Lighting \$479,621												
Project Comments/Reference				Version Comments												
7161075 - Dieppe Park Walkway Restoration (closed) 7191003 - Celestial Beacon Design - Streetcar #351 Restoration 7152005 - Festival Plaza 7212000 - Riverfront Walkway Lighting				See: PFO-001-21 for Celestial Beacon - Street Car 51  COMMITMENT: B14/2021, C 10/2021- \$479,671 2022												
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	0	0	0	5410	Construction Contracts - TCA											
2022	479,621	479,621	0		0	479,621	0	0	0	0	0	0	0	0	479,621	
2023	0	0	0	Total	0	479,621	0	0	0	0	0	0	0	0	479,621	
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	0	0	0	
2027	0	0	0	169CF	Committed Funding											
2028	0	0	0		0	256,659	0	0	0	0	0	0	0	0	256,659	
2029	0	0	0	221	Service Sustainability Investm											
2030	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
	<b>479,621</b>	<b>479,621</b>	<b>0</b>	221CF	Committed Funding											
					0	222,962	0	0	0	0	0	0	0	0	222,962	
				Total	0	479,621	0	0	0	0	0	0	0	0	479,621	
Historical Approved Budget																
		Revenue														
Year	Total Expense	Net City Cost	Subsidies													
2019	5,000,000	5,000,000	0													
2020	685,114	685,114	0													

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2014	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Heidi Baillargeon	2020+	0	0
			<b>Effective Date</b> <b>Description</b> 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.			



# Project Version Summary

<b>Project #</b>	PFO-001-16	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	New Greenhouse Complex Construction and Refurbishments		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>														
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.				This Design Bid Build project will include the design/build construction of the Jackson Park Greenhouse Complex including administration building, greenhouses, and storage building 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 efficient 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. 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														
<b>Project Comments/Reference</b>				<b>Version Comments</b>														
CR550/2018, Council Report 165/2018 recommends the construction of a new greenhouse at Jackson Park for \$6,573,500.  7183015				COMMITMENT: CR39/2019 - C 8/2019 - 2021 F169 \$600,000 B7/2021, C 13/2021 -\$2,604,500 in 2021, \$1,853,500 in 2022 & \$2,049,460 in 2024 B7/2021, C 13/2021- \$79,000 2022, \$150,000 2023, \$5000 2024														
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>														
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>			
				<b>Expenses</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>															
		<b>Net City Cost</b>																
2021	3,204,500	3,204,500	0	5410	Construction Contracts - TCA													
2022	1,932,500	1,932,500	0			3,204,500	1,932,500	150,000	2,054,460	0	0	0	0	0	0	7,341,460		
2023	150,000	150,000	0			Total	3,204,500	1,932,500	150,000	2,054,460	0	0	0	0	0	7,341,460		
2024	2,054,460	2,054,460	0				0											
2025	0	0	0	<b>Revenues</b>														
2026	0	0	0	160CF	Committed Funding													
2027	0	0	0			0	0	0	375,000	0	0	0	0	0	0	375,000		
2028	0	0	0	169CF	Committed Funding													
2029	0	0	0			1,352,250	1,005,750	150,000	654,730	0	0	0	0	0	0	3,162,730		
2030	0	0	0	221	Service Sustainability Investm													
						0	0	0	0	0	0	0	0	0	0	0		
	<b>7,341,460</b>	<b>7,341,460</b>	<b>0</b>	221CF	Committed Funding													
						1,852,250	926,750	0	1,024,730	0	0	0	0	0	0	3,803,730		
						Total	3,204,500	1,932,500	150,000	2,054,460	0	0	0	0	0	7,341,460		
							0											
<b>Historical Approved Budget</b>																		
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>															
		<b>Net City Cost</b>																
2020	150,000	150,000	0															





# Project Version Summary

<b>Project #</b>	PFO-001-21	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Waterfront Celestial Beacon - Home to Street Car 351		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	Main (Active)		

Project Description				Version Description												
<p>In 2000, Windsor City Council approved the Central Riverfront Implementation Plan (CRIP). This master planning document, identifies five Beacons which are to be located along the length of the central waterfront and act as nodes encompassing points of orientation, activity and information. The Celestial Beacon is one of the five (5) Beacons and, according to the CRIP, is to be located in Assumption Park North on the riverfront at the foot of Askin Avenue. The City of Windsor has been working to identify a permanent home for Streetcar No. 351 once restoration of it is complete. Following public input, and at the July 4th 2018 council meeting City Council approved the Celestial Beacon as the new home for Streetcar No. 351. The Streetcar is to be located inside a building in order to mitigate the various risks if it were to be housed outside.</p>																
Project Comments/Reference				Version Comments												
7191003				<p>COMMITMENT:            CR317/2020 C 197/2019 - 2019 F176 \$2,000,000 - 2022 F169 \$300,000 - 2023 F169 \$954,000 - 2024 F169 \$713,934            CAO 152/2020 - switched the 2019 F176 \$2,000,000 to 2020 F169 \$2,000,000 to leverage grant matching funding.</p> <p>CR317/2020 C 197/2019- 2020 F169 \$1,350,000 - 2024 F169 \$632,066 - 2025 F169 \$1,050,000</p>												
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>												
2021	0	0	0	5410	Construction Contracts - TCA											
2022	300,000	300,000	0		0	300,000	954,000	1,346,000	1,050,000	0	0	0	0	0	3,650,000	
2023	954,000	954,000	0		Total	0	300,000	954,000	1,346,000	1,050,000	0	0	0	0	3,650,000	
2024	1,346,000	1,346,000	0	<b>Revenues</b>												
2025	1,050,000	1,050,000	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		0	0	0	0	0	0	0	0	0	0		
2027	0	0	0	169CF	Committed Funding											
2028	0	0	0		0	300,000	954,000	1,346,000	1,050,000	0	0	0	0	0	3,650,000	
2029	0	0	0		Total	0	300,000	954,000	1,346,000	1,050,000	0	0	0	0	3,650,000	
2030	0	0	0													
	<b>3,650,000</b>	<b>3,650,000</b>	<b>0</b>													
Historical Approved Budget																

Related Projects		Operating Budget Impact		
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2021	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %	Wadah Al-Yassiri	2021`



# Project Version Summary

<b>Project #</b>	PFO-002-15	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Playgrounds Replacement Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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 C 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.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7145009/7171090	COMMITMENT: CR539/2017 - C 142/2017 - 2021 F221 \$1,500,000

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>	<b>Expenses</b>												
		<b>Net City Cost</b>		5410	Construction Contracts - TCA											
2021	1,826,021	1,826,021	0		1,826,021	1,977,448	1,343,875	2,510,302	2,226,728	2,903,000	3,053,000	2,600,000	2,600,000	2,600,000	23,640,374	
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	2,600,000	2,600,000	0													
2029	2,600,000	2,600,000	0													
2030	2,600,000	2,600,000	0													
	<b>23,640,374</b>	<b>23,640,374</b>	<b>0</b>		<b>Total</b>	<b>1,826,021</b>	<b>1,977,448</b>	<b>1,343,875</b>	<b>2,510,302</b>	<b>2,226,728</b>	<b>2,903,000</b>	<b>3,053,000</b>	<b>2,600,000</b>	<b>2,600,000</b>	<b>23,640,374</b>	
				<b>Revenues</b>												
				221	Service Sustainability Investm											
					326,021	1,977,448	1,343,875	2,510,302	2,226,728	2,903,000	3,053,000	2,600,000	2,600,000	2,600,000	22,140,374	
				221CF	Committed Funding											
					1,500,000	0	0	0	0	0	0	0	0	0	1,500,000	
					<b>Total</b>	<b>1,826,021</b>	<b>1,977,448</b>	<b>1,343,875</b>	<b>2,510,302</b>	<b>2,226,728</b>	<b>2,903,000</b>	<b>3,053,000</b>	<b>2,600,000</b>	<b>2,600,000</b>	<b>23,640,374</b>	

<b>Historical Approved Budget</b>			
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>
		<b>Net City Cost</b>	
2018	2,654,172	2,654,172	0
2019	480,000	480,000	0
2020	224,595	224,595	0





# Project Version Summary

<b>Project #</b>	PFO-002-21	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>		<b>Division</b>	Parks
<b>Title</b>	Parks Drainage Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
To establish annual capital funding to improve parks with drainage issue to mitigate flooding which occurs during periods of heavy rainfall. There has been significant drainage issues in parks which has resulted in the flooding of residential properties that are adjacent to parkland throughout the City. An extensive conditional assessment review is required to identify parks that may present significant risk to the residential properties and result in flooding in parkland. The drainage issues also result in flooded sports field which result in the cancellation of events and the loss of revenue for the City recreation division. The flooding that occurs in parkland delays the commencement of grass maintenance as a result of the weight of the park equipment. Improvements to park drainage would reduce the standing water volumes and mitigate the potential damage to parkland and sports fields in periods subsequent to heavy precipitations levels. The projects under this funding will be based upon a conditional review of the drainage for parks to determine the prioritization based upon areas of need.				2021- 2031+ Annual capital funding requirement for drainage improvements \$200,000 to be included in sewer surcharge report as expenditures are eligible for funding. C 8/2021												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7219013																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>	<b>Expenses</b>												
		<b>Net City Cost</b>		5410	Construction Contracts - TCA											
2021	125,000	125,000	0		125,000	125,000	175,000	175,000	175,000	200,000	200,000	200,000	200,000	200,000	1,775,000	
2022	125,000	125,000	0													
2023	175,000	175,000	0													
2024	175,000	175,000	0													
2025	175,000	175,000	0													
2026	200,000	200,000	0													
2027	200,000	200,000	0													
2028	200,000	200,000	0													
2029	200,000	200,000	0													
2030	200,000	200,000	0													
	<b>1,775,000</b>	<b>1,775,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>				<b>Revenues</b>												
				028	Sewer Surcharge											
					125,000	125,000	175,000	175,000	175,000	200,000	200,000	200,000	200,000	200,000	1,775,000	
				169	Pay As You Go - Capital Reserve											
					0	0	0	0	0	0	0	0	0	0	0	
					125,000	125,000	175,000	175,000	175,000	200,000	200,000	200,000	200,000	200,000	1,775,000	

Related Projects		Operating Budget Impact		
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2021		Growth: 0.0 % Maintenance: 100.0 %	Heidi Baillargeon	Ongoing`



# Project Version Summary

<b>Project #</b>	PFO-003-15	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Central Riverfront Festival Plaza		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 2, Ward 3, Ward 4		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
Funding identified in this project is for the construction and build out of Festival Plaza. Detailed design of Festival Plaza including gathering spaces, covered concert area, new public washrooms, new ramps, walkway connections, gathering areas and greening of the entire space. Festival Plaza built out will be implemented in a series of phases based on detailed design currently underway. A consulting firm has been retained in September 2020 to formalize the final design and phased build out of the space, details on the final construction and phasing will be ready in 2021.	2022-2027: Funding for Central Riverfront Festival Plaza Phase One \$3,700,000 2028: Funding for Central Riverfront Festival Plaza Phase Two \$2,600,000

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7152005	

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>	<b>Expenses</b>												
		<b>Net City Cost</b>		5410	Construction Contracts - TCA											
2021	0	0	0		0	0	1,000,000	2,000,000	500,000	100,000	100,000	1,200,000	700,000	700,000	6,300,000	
2022	0	0	0													
2023	1,000,000	1,000,000	0				1,000,000	2,000,000	500,000	100,000	100,000	1,200,000	700,000	700,000	6,300,000	
2024	2,000,000	2,000,000	0													
2025	500,000	500,000	0													
2026	100,000	100,000	0													
2027	100,000	100,000	0													
2028	1,200,000	1,200,000	0				0	1,088,000	254,000	0	100,000	0	0	0	1,442,000	
2029	700,000	700,000	0													
2030	700,000	700,000	0													
	<b>6,300,000</b>	<b>6,300,000</b>	<b>0</b>				<b>1,000,000</b>	<b>2,000,000</b>	<b>500,000</b>	<b>100,000</b>	<b>100,000</b>	<b>1,200,000</b>	<b>700,000</b>	<b>700,000</b>	<b>6,300,000</b>	
				<b>Revenues</b>												
				169	Pay As You Go - Capital Reserve											
				221	Service Sustainability Investm											
					0	0	1,000,000	912,000	246,000	100,000	0	1,200,000	700,000	700,000	4,858,000	
					0	0	0	1,088,000	254,000	0	100,000	0	0	0	1,442,000	
					0	0	1,000,000	2,000,000	500,000	100,000	100,000	1,200,000	700,000	700,000	6,300,000	

<b>Historical Approved Budget</b>			
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>
		<b>Net City Cost</b>	
2018	1,990,000	1,990,000	0
2019	310,000	310,000	0

<b>Related Projects</b>	<b>Operating Budget Impact</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>
	<b>Effective Date</b> <b>Description</b>		
	Unknown            No operating budget impact.	0	0

Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2014	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Heidi Baillargeon	2018`



# Project Version Summary

<b>Project #</b>	PFO-003-18	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Fred Thomas Splash Pad (Glengarry)		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																														
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. Funding for this project is reserved for a splash pad at either Fred Thomas park or alternative park in the Glengarry neighbourhood.																																																																																																																																																																																																																																		
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																														
				PLACEHOLDER: B57/2017-B26/2016 - 2020 F169 \$300,000. Required a report to Council. CR309/2020 C 110/2020 - and July 27th CFO Memorandum pushed Placeholder funding out to 2021 and reallocated the 2020 funding to PFO-007-17 7171070 Washroom at Alexandra Park from the 2021 commitment reducing the deficit and mitigating the capital interest charges.																																																																																																																																																																																																																														
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																														
				<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</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>2029</th> <th>2030</th> <th>Total</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th>GL Account</th> <th colspan="10"></th> </tr> </thead> <tbody> <tr> <td colspan="15"><b>Expenses</b></td> </tr> <tr> <td>2021</td> <td>300,000</td> <td>300,000</td> <td>0</td> <td>5410 Construction Contracts - TCA</td> <td colspan="10"></td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> <td>300,000</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>0</td> <td>300,000</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> <td>Total</td> <td>300,000</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>300,000</td> </tr> <tr> <td>2024</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="11"><b>Revenues</b></td> </tr> <tr> <td>2025</td> <td>0</td> <td>0</td> <td>0</td> <td>169CF Committed Funding</td> <td colspan="10"></td> </tr> <tr> <td>2026</td> <td>0</td> <td>0</td> <td>0</td> <td>300,000</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>0</td> <td>300,000</td> </tr> <tr> <td>2027</td> <td>0</td> <td>0</td> <td>0</td> <td>Total</td> <td>300,000</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>300,000</td> </tr> <tr> <td>2028</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="11"></td> </tr> <tr> <td>2029</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="11"></td> </tr> <tr> <td>2030</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="11"></td> </tr> <tr> <td colspan="2"><b>300,000</b></td> <td><b>300,000</b></td> <td><b>0</b></td> <td colspan="11"></td> </tr> </tbody> </table>															Revenue		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	Year	Total Expense	Net City Cost	Subsidies	GL Account											<b>Expenses</b>															2021	300,000	300,000	0	5410 Construction Contracts - TCA											2022	0	0	0	300,000	0	0	0	0	0	0	0	0	0	300,000	2023	0	0	0	Total	300,000	0	0	0	0	0	0	0	0	300,000	2024	0	0	0	<b>Revenues</b>											2025	0	0	0	169CF Committed Funding											2026	0	0	0	300,000	0	0	0	0	0	0	0	0	0	300,000	2027	0	0	0	Total	300,000	0	0	0	0	0	0	0	0	300,000	2028	0	0	0												2029	0	0	0												2030	0	0	0												<b>300,000</b>		<b>300,000</b>	<b>0</b>											
		Revenue		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																				
Year	Total Expense	Net City Cost	Subsidies	GL Account																																																																																																																																																																																																																														
<b>Expenses</b>																																																																																																																																																																																																																																		
2021	300,000	300,000	0	5410 Construction Contracts - TCA																																																																																																																																																																																																																														
2022	0	0	0	300,000	0	0	0	0	0	0	0	0	0	300,000																																																																																																																																																																																																																				
2023	0	0	0	Total	300,000	0	0	0	0	0	0	0	0	300,000																																																																																																																																																																																																																				
2024	0	0	0	<b>Revenues</b>																																																																																																																																																																																																																														
2025	0	0	0	169CF Committed Funding																																																																																																																																																																																																																														
2026	0	0	0	300,000	0	0	0	0	0	0	0	0	0	300,000																																																																																																																																																																																																																				
2027	0	0	0	Total	300,000	0	0	0	0	0	0	0	0	300,000																																																																																																																																																																																																																				
2028	0	0	0																																																																																																																																																																																																																															
2029	0	0	0																																																																																																																																																																																																																															
2030	0	0	0																																																																																																																																																																																																																															
<b>300,000</b>		<b>300,000</b>	<b>0</b>																																																																																																																																																																																																																															
<b>Historical Approved Budget</b>																																																																																																																																																																																																																																		
				<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th colspan="10"></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th colspan="10"></th> </tr> </thead> <tbody> <tr> <td>2020</td> <td>300,000</td> <td>300,000</td> <td>0</td> <td colspan="10"></td> </tr> </tbody> </table>															Revenue												Year	Total Expense	Net City Cost	Subsidies											2020	300,000	300,000	0																																																																																																																																																																																		
		Revenue																																																																																																																																																																																																																																
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																															
2020	300,000	300,000	0																																																																																																																																																																																																																															
<b>Related Projects</b>				<b>Operating Budget Impact</b>																																																																																																																																																																																																																														
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>																																																																																																																																																																																																																									
2018	January 15, 2020	Growth: 100.0 % Maintenance: 0.0 %		Heidi Baillargeon					TBD																																																																																																																																																																																																																									



# Project Version Summary

<b>Project #</b>	PFO-003-19	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Parks Lighting		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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. Parks administration identified the requirement for annual expenditures of \$100,000 within the ten year forecast period.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7191011/7201022				COMMITMENT: CR522/2020,C 199/2020- \$100,000 F221 2021												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>													
		<b>Net City Cost</b>														
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	100,000	100,000	0													
2029	100,000	100,000	0													
2030	100,000	100,000	0													
	<b>1,000,000</b>	<b>1,000,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>													
		<b>Net City Cost</b>														
2019	38,500	38,500	0													
2020	100,000	100,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												

2019		Growth: 0.0 % Maintenance: 100.0 %	Heidi Baillargeon/ James Chacko	Ongoing`
------	--	------------------------------------	---------------------------------	----------



# Project Version Summary

<b>Project #</b>	PFO-004-17	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Forest Glade Basketball Court Renovation		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 7		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
For the restoration of Forest Glade Basketball Court. As per the approved 2017 enhanced Capital Budget 5-year plan.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7171076				COMMITMENT: CR201/2017 - C 49/2017 - 2021 F221 \$200,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	200,000	200,000	0	5410	Construction Contracts - TCA											
2022	0	0	0		200,000	0	0	0	0	0	0	0	0	0	200,000	
2023	0	0	0		Total	200,000	0	0	0	0	0	0	0	0	200,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	221	Service Sustainability Investm											
2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
2027	0	0	0	221CF	Committed Funding											
2028	0	0	0		200,000	0	0	0	0	0	0	0	0	0	200,000	
2029	0	0	0		Total	200,000	0	0	0	0	0	0	0	0	200,000	
2030	0	0	0													
<b>200,000</b>				<b>200,000</b>				<b>0</b>					<b>0</b>			
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2017	January 23, 2021	Growth: 0.0 % Maintenance: 100.0 %	Heidi Baillargeon	2021`												



# Project Version Summary

<b>Project #</b>	PFO-004-19	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Malden Park Drainage		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	Improvements to Malden Park ponds to decrease the amount of flooding occurring during the spring on the multi-use pathway and Parking lot.	<b>Version Description</b>	2021 - \$100,000 To replace sections of pathway have been undermined and destroyed by the flooding around the pond area.
----------------------------	--	----------------------------	--

<b>Project Comments/Reference</b>	7191012	<b>Version Comments</b>	COMMITMENT: CR522/2020, C 199/2020- \$100,000 F221 2021
-----------------------------------	---------	-------------------------	--

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>													
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total		
Year	Total Expense	Net City Cost	Subsidies														
2021	100,000	100,000	0	<b>Expenses</b>													
2022	0	0	0	5410 Construction Contracts - TCA													
2023	0	0	0	100,000	0	0	0	0	0	0	0	0	0	0	100,000		
2024	0	0	0	Total	100,000	0	0	0	0	0	0	0	0	0	100,000		
2025	0	0	0	<b>Revenues</b>													
2026	0	0	0	221 Service Sustainability Investm													
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2028	0	0	0	221CF Committed Funding													
2029	0	0	0	100,000	0	0	0	0	0	0	0	0	0	0	100,000		
2030	0	0	0	Total	100,000	0	0	0	0	0	0	0	0	0	100,000		
<b>100,000</b>		<b>100,000</b>	<b>0</b>														

<b>Historical Approved Budget</b>			
		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2019	350,000	350,000	0

<b>Related Projects</b>		<b>Operating Budget Impact</b>	
-------------------------	--	--------------------------------	--

Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2019	April 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Trevor Duquette	2019`



# Project Version Summary

<b>Project #</b>	PFO-004-21	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Parks Sports Courts Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																																																											
This program fully replaces and rebuilds existing sports courts or creates new ones in the city based on the parks and recreation master plans.				2021: Forest Glade tennis court refurbishment and conversion to pickleball \$500,000 2023: Sports Court refurbishment \$300,000 2025: Sports Court refurbishment \$50,000																																																																																																																																																																																																																																																											
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																																																											
7212007-Forest Glade Tennis/ Pickleball Court				*Placeholder funding of \$100,000 in 2021 in Riverfront Exercise Equipment (PFO-008-17) removed and re-allocated to Sports Courts (PFO-004-21) approved per B14/2021, C 14/2021																																																																																																																																																																																																																																																											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																																																											
				<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="3">Revenue</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th colspan="13"></th> </tr> </thead> <tbody> <tr> <td colspan="4"></td> <td colspan="13"><b>Expenses</b></td> </tr> <tr> <td>2021</td> <td>500,000</td> <td>500,000</td> <td>0</td> <td>5410</td> <td>Construction Contracts - TCA</td> <td></td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>500,000</td> <td>0</td> <td>300,000</td> <td>0</td> <td>50,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>850,000</td> </tr> <tr> <td>2023</td> <td>300,000</td> <td>300,000</td> <td>0</td> <td colspan="2">Total</td> <td>500,000</td> <td>0</td> <td>300,000</td> <td>0</td> <td>50,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>850,000</td> </tr> <tr> <td>2024</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="13"><b>Revenues</b></td> </tr> <tr> <td>2025</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td>169</td> <td>Pay As You Go - Capital Reserve</td> <td></td> </tr> <tr> <td>2026</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>500,000</td> <td>0</td> <td>300,000</td> <td>0</td> <td>50,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>850,000</td> </tr> <tr> <td>2027</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="2">Total</td> <td>500,000</td> <td>0</td> <td>300,000</td> <td>0</td> <td>50,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>850,000</td> </tr> <tr> <td>2028</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="13"></td> </tr> <tr> <td>2029</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="13"></td> </tr> <tr> <td>2030</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="13"></td> </tr> <tr> <td colspan="2"></td> <td><b>850,000</b></td> <td><b>850,000</b></td> <td><b>0</b></td> <td colspan="13"></td> </tr> </tbody> </table>															Revenue			GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	Year	Total Expense	Net City Cost	Subsidies																		<b>Expenses</b>													2021	500,000	500,000	0	5410	Construction Contracts - TCA												2022	0	0	0			500,000	0	300,000	0	50,000	0	0	0	0	0	850,000	2023	300,000	300,000	0	Total		500,000	0	300,000	0	50,000	0	0	0	0	0	850,000	2024	0	0	0	<b>Revenues</b>													2025	50,000	50,000	0	169	Pay As You Go - Capital Reserve												2026	0	0	0			500,000	0	300,000	0	50,000	0	0	0	0	0	850,000	2027	0	0	0	Total		500,000	0	300,000	0	50,000	0	0	0	0	0	850,000	2028	0	0	0														2029	0	0	0														2030	0	0	0																<b>850,000</b>	<b>850,000</b>	<b>0</b>													
		Revenue			GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																																															
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																																																												
				<b>Expenses</b>																																																																																																																																																																																																																																																											
2021	500,000	500,000	0	5410	Construction Contracts - TCA																																																																																																																																																																																																																																																										
2022	0	0	0			500,000	0	300,000	0	50,000	0	0	0	0	0	850,000																																																																																																																																																																																																																																															
2023	300,000	300,000	0	Total		500,000	0	300,000	0	50,000	0	0	0	0	0	850,000																																																																																																																																																																																																																																															
2024	0	0	0	<b>Revenues</b>																																																																																																																																																																																																																																																											
2025	50,000	50,000	0	169	Pay As You Go - Capital Reserve																																																																																																																																																																																																																																																										
2026	0	0	0			500,000	0	300,000	0	50,000	0	0	0	0	0	850,000																																																																																																																																																																																																																																															
2027	0	0	0	Total		500,000	0	300,000	0	50,000	0	0	0	0	0	850,000																																																																																																																																																																																																																																															
2028	0	0	0																																																																																																																																																																																																																																																												
2029	0	0	0																																																																																																																																																																																																																																																												
2030	0	0	0																																																																																																																																																																																																																																																												
		<b>850,000</b>	<b>850,000</b>	<b>0</b>																																																																																																																																																																																																																																																											
<b>Historical Approved Budget</b>																																																																																																																																																																																																																																																															
<b>Related Projects</b>				<b>Operating Budget Impact</b>																																																																																																																																																																																																																																																											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>																																																																																																																																																																																																																																																						
2021		Growth: 100.0 % Maintenance: 0.0 %		Heidi Baillargeon					Ongoing																																																																																																																																																																																																																																																						



## Project Version Summary

<b>Project #</b>	PFO-005-12	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Regional Parks Rehabilitation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>Regional Parks have a higher service level and benefit the entire community, surrounding communities, tourist and visitors to Windsor. Regional Park projects focus on park redevelopment including improvements to major park amenities such as fountains, buildings, community centres, gateway features and other heritage items that may be present. Regional parks include riverfront parks, sports parks, horticultural displays and heritage parks.</p>	<p>2021: Jackson Park Sunken Garden washrooms &amp; maintenance bldg. \$750,000; Mic Mac Park washrooms - \$200,000; Reaume Park- Lights For Afghanistan Memorial- \$5,000            2022: Mic Mac Picnic Shelter and Pathway \$200,000            2024: Jackson Park planning, design and restorations for the sunken garden \$400,000 (Phase One)            2025: Jackson Park Sunken Garden Restorations \$300,000 (Phase Two)            2026: Jackson Park Sunken Garden restorations continuation \$500,000 (Phase Two)            2027: Jackson Parks Sunken Garden water fountain restorations \$600,000            2028: Coventry Gardens retaining walls and pathway \$300,000            2029-2030+: Jackson Park Gate restorations \$600,000</p>
Project Comments/Reference	Version Comments
<p>7151013/7181027/7161024 (Closed)            7129002/7171065/7181026/7201020</p>	<p>COMMITMENTS:            CR201/2017 - C 49/2017 - (7171065) 2021 F221 \$200,000            CR211/2018 - C 62/2018 - (7181026) 2021 F151 682,500 - 2021 F126 \$67,500            CR201/2017 - C 49/2017 - (7129002) 2021 F169 \$5,000- For Reaume Park</p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	955,000	955,000	0	5410	Construction Contracts - TCA										
2022	200,000	200,000	0		955,000	200,000	0	400,000	300,000	500,000	600,000	300,000	300,000	300,000	3,855,000
2023	0	0	0		Total	955,000	200,000	0	400,000	300,000	500,000	600,000	300,000	300,000	3,855,000
2024	400,000	400,000	0	Revenues											
2025	300,000	300,000	0	126	Dev Chg - Park Development										
2026	500,000	500,000	0		0	0	0	0	0	0	0	0	0	0	0
2027	600,000	600,000	0	126CF	Committed Funding										
2028	300,000	300,000	0		67,500	0	0	0	0	0	0	0	0	0	67,500
2029	300,000	300,000	0	151	Parks/Rec/Facil Acquis Funding										
2030	300,000	300,000	0		0	0	0	400,000	0	0	0	0	0	0	400,000
	<b>3,855,000</b>	<b>3,855,000</b>	<b>0</b>	151CF	Committed Funding										
					682,500	0	0	0	0	0	0	0	0	0	682,500
				169CF	Committed Funding										
					5,000	0	0	0	0	0	0	0	0	0	5,000
				221	Service Sustainability Investm										
					0	200,000	0	0	300,000	500,000	600,000	300,000	300,000	300,000	2,500,000
				221CF	Committed Funding										
					200,000	0	0	0	0	0	0	0	0	0	200,000
					Total	955,000	200,000	0	400,000	300,000	500,000	600,000	300,000	300,000	3,855,000
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												
2020	250,000	250,000	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown									0	0	
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date											
2012	January 1, 2015	Growth: 0.5 % Maintenance: 99.5 %	Heidi Baillargeon	Ongoing`											



# Project Version Summary

<b>Project #</b>	PFO-005-18	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Shorewall Capital Rehabilitation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 3, Ward 7		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
This capital program is for the repair/refurbishment/replacement of shorewalls along the riverfront.				Work will be identified through the conditional assessment report that was prepared in 2018/2019. These are placeholder values only. Funding will be allocated based on failing infrastructure and a future report to council of required funding association with each segment.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7209006				COMMITMENTS: CR197/2020 - S 33/2020 (SCM 93/2020) - 2021 F221 \$135,621												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	135,621	135,621	0	5410 Construction Contracts - TCA												
2022	425,003	425,003	0	135,621 425,003 8,885 511,266 592,000 592,000 592,000 600,000 600,000 600,000 4,656,775												
2023	8,885	8,885	0	Total 135,621 425,003 8,885 511,266 592,000 592,000 592,000 600,000 600,000 600,000 4,656,775												
2024	511,266	511,266	0	<b>Revenues</b>												
2025	592,000	592,000	0	221 Service Sustainability Investm												
2026	592,000	592,000	0	0 425,003 8,885 511,266 592,000 592,000 592,000 600,000 600,000 600,000 4,521,154												
2027	592,000	592,000	0	221CF Committed Funding												
2028	600,000	600,000	0	135,621 0 0 0 0 0 0 0 0 0 135,621												
2029	600,000	600,000	0	Total 135,621 425,003 8,885 511,266 592,000 592,000 592,000 600,000 600,000 600,000 4,656,775												
2030	600,000	600,000	0													
<b>4,656,775</b>				<b>4,656,775</b>												
<b>0</b>																
<b>Historical Approved Budget</b>																
				<b>Revenue</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2020	1,740	1,740	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2018	May 1, 2018	Growth: 0.0 % Maintenance: 100.0 %	Heidi Baillargeon	Ongoing												



# Project Version Summary

<b>Project #</b>	PFO-005-19	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Parks & Recreation Service and Infrastructure Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				Boer War Monument												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7204002				COMMITMENT: CR195/2020 - S 109/2019 (SCM 92/2020) - 2023 F221 \$105,000.												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	5410 Construction Contracts - TCA												
2022	0	0	0	0 0 500,000 500,000 500,000 0 0 0 0 0 0												
2023	500,000	500,000	0	Total 0 0 500,000 500,000 500,000 0 0 0 0 0 0												
2024	500,000	500,000	0	<b>Revenues</b>												
2025	500,000	500,000	0	221 Service Sustainability Investm												
2026	0	0	0	0 0 395,000 500,000 500,000 0 0 0 0 0 0												
2027	0	0	0	221CF Committed Funding												
2028	0	0	0	0 0 105,000 0 0 0 0 0 0 0 0												
2029	0	0	0	Total 0 0 500,000 500,000 500,000 0 0 0 0 0 0												
2030	0	0	0													
<b>1,500,000</b>				<b>1,500,000</b>												
<b>0</b>				<b>0</b>												
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2019	January 1, 2023	Growth: 0.0 % Maintenance: 0.0 %	Jan Wilson	2023`												



## Project Version Summary

<b>Project #</b>	PFO-005-20	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Natural Areas Management Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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.</p> <p>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.</p> <p>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.</p> <p>These management works are necessary to mitigate risk and to protect the City's investment in these highly sensitive and nationally significant natural areas.</p> <p>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.</p>	<p>The estimated costs for this project represent an annual estimate. The Black Oak Management Plan which was approved by council in 2019 made it apparent that a capital budget will be required in order to implement the recommendations included in the plan.</p>
Project Comments/Reference	Version Comments
7219014	

Project Forecast				Project Detailed Forecast											
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
		Net City Cost	Subsidies												
2021	100,000	100,000	0	<b>Expenses</b>											
2022	100,000	100,000	0	5410	Construction Contracts - TCA										
2023	200,000	200,000	0		100,000	100,000	200,000	100,000	100,000	100,000	100,000	150,000	150,000	150,000	1,250,000
2024	100,000	100,000	0		Total	100,000	100,000	200,000	100,000	100,000	100,000	150,000	150,000	150,000	1,250,000
2025	100,000	100,000	0	<b>Revenues</b>											
2026	100,000	100,000	0	221	Service Sustainability Investm										
2027	100,000	100,000	0		100,000	100,000	200,000	100,000	100,000	100,000	100,000	150,000	150,000	150,000	1,250,000
2028	150,000	150,000	0		Total	100,000	100,000	200,000	100,000	100,000	100,000	150,000	150,000	150,000	1,250,000
2029	150,000	150,000	0												
2030	150,000	150,000	0												
	<b>1,250,000</b>	<b>1,250,000</b>	<b>0</b>												
<b>Historical Approved Budget</b>															
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>						
2020	April 1, 2020	Growth: 0.0 % Maintenance: 100.0 %		Paul Giroux					Ongoing`						



# Project Version Summary

<b>Project #</b>	PFO-005-21	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Park Splash Pads		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b> Splash pads are a popular park amenity and are recommended as per the Parks, Recreation and Environmental Master plans. They will be implemented accordingly across the City as per planning documents with \$50,000 required for design and \$300,000 for construction. This funding does not include washrooms or change rooms which are required to properly service this park amenity. Parks without existing washroom facilities will need to seek additional funding.	<b>Version Description</b> Parks administration had identified the capital requirement for splash pads to provide greater level of amenities within Community and Neighbourhood parkland. The estimated expenditures required preliminary design work are \$50,000 with forecasted amount of \$300,000 in construction costs in the following year for each splash pad. Due to current financial conditions the capital funding restrictions only allowed for funding of the Fontainebleau Splash Pad, which is also being funded through a contribution from the Councillor's Ward Funds  2021-2024 : Fontainebleau Splash Pad \$200,000  Other specific locations have been identified below for future consideration:  2023- Alexander Park Splash Pad design \$0 2024- Alexander Park Splash Pad construction \$0 2025- Elizabeth Kishkon Splash Pad design \$0 2026- Elizabeth Kishkon Splash Pad construction \$0
---	---

<b>Project Comments/Reference</b> 7214001-Fontainebleau Splash Pad	<b>Version Comments</b>
---	-------------------------

<b>Project Forecast</b> <table border="1"> <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>2021</td><td>50,000</td><td>50,000</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>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2025</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2026</td><td>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>2029</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2030</td><td>0</td><td>0</td><td>0</td></tr> <tr> <td></td> <td><b>200,000</b></td> <td><b>200,000</b></td> <td><b>0</b></td> </tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	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	0	0	0	2026	0	0	0	2027	0	0	0	2028	0	0	0	2029	0	0	0	2030	0	0	0		<b>200,000</b>	<b>200,000</b>	<b>0</b>	<b>Project Detailed Forecast</b> <table border="1"> <thead> <tr> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="12"><b>Expenses</b></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><td></td> </tr> <tr> <td></td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>200,000</b></td> </tr> <tr> <td colspan="12"><b>Revenues</b></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><td></td> </tr> <tr> <td></td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>200,000</b></td> </tr> </tbody> </table>	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>												5410 Construction Contracts - TCA													50,000	50,000	50,000	50,000	0	0	0	0	0	0	200,000	<b>Total</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>Revenues</b>												169 Pay As You Go - Capital Reserve													50,000	50,000	50,000	50,000	0	0	0	0	0	0	200,000	<b>Total</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>
Year			Total Expense	Revenue																																																																																																																																																											
	Net City Cost	Subsidies																																																																																																																																																													
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	0	0	0																																																																																																																																																												
2026	0	0	0																																																																																																																																																												
2027	0	0	0																																																																																																																																																												
2028	0	0	0																																																																																																																																																												
2029	0	0	0																																																																																																																																																												
2030	0	0	0																																																																																																																																																												
	<b>200,000</b>	<b>200,000</b>	<b>0</b>																																																																																																																																																												
GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																				
<b>Expenses</b>																																																																																																																																																															
5410 Construction Contracts - TCA																																																																																																																																																															
	50,000	50,000	50,000	50,000	0	0	0	0	0	0	200,000																																																																																																																																																				
<b>Total</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>																																																																																																																																																				
<b>Revenues</b>																																																																																																																																																															
169 Pay As You Go - Capital Reserve																																																																																																																																																															
	50,000	50,000	50,000	50,000	0	0	0	0	0	0	200,000																																																																																																																																																				
<b>Total</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>																																																																																																																																																				

<b>Historical Approved Budget</b>	
-----------------------------------	--

<b>Related Projects</b>	<b>Operating Budget Impact</b>
-------------------------	--------------------------------

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
------------------------	-------------------	------------------------------	---------------------	-----------------------------

2021		Growth: 100.0 % Maintenance: 0.0 %	Heidi Baillargeon	Ongoing`
------	--	------------------------------------	-------------------	----------



# Project Version Summary

<b>Project #</b>	PFO-006-12	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Community Parks Rehabilitation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	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.				2021: Splash Pad at Forest Glade Community Centre - \$250,000 2022: Lanspeary Park Improvements Design \$250,000 2023: Lanspeary Park Improvements- \$500,000 2026: MacDonald Park Design- \$250,000; Lanspeary Park Improvements- \$250,000 2027: Lanspeary Park Improvements- \$500,000												
Project Comments/Reference				Version Comments												
7171024/7181042/7191039 Closed:7129011/7151014				COMMITMENT: CR338/2020 - C 128/2020 - 2021 F151 \$250,000												
Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
<b>Expenses</b>																
2021	250,000	250,000	0	5410 Construction Contracts - TCA												
2022	250,000	250,000	0		250,000	250,000	500,000	0	0	500,000	500,000	0	0	0	2,000,000	
2023	500,000	500,000	0	Total	250,000	250,000	500,000	0	0	500,000	500,000	0	0	0	2,000,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	126 Dev Chg - Park Development		22,500	0	0	0	0	0	0	0	0	22,500	
2026	500,000	500,000	0	151 Parks/Rec/Facil Acquis Funding		227,500	0	0	0	0	0	0	0	0	227,500	
2027	500,000	500,000	0	151CF Committed Funding		250,000	0	0	0	0	0	0	0	0	250,000	
2028	0	0	0	169 Pay As You Go - Capital Reserve		0	0	0	0	0	0	0	0	0	0	
2029	0	0	0	221 Service Sustainability Investm		0	500,000	0	0	500,000	500,000	0	0	0	1,500,000	
2030	0	0	0	Total	250,000	250,000	500,000	0	0	500,000	500,000	0	0	0	2,000,000	
<b>2,000,000</b>		<b>2,000,000</b>	<b>0</b>													
Historical Approved Budget																
Year	Total Expense	Revenue														
		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													
2020	500,000	500,000	0													

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2012	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Heidi Baillargeon	Ongoing`



# Project Version Summary

<b>Project #</b>	PFO-006-17	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Realtor Park - Tennis Court Enhancements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 6		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>													
Project funding for the renovation of tennis court located at Realtor Park. Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan.																	
<b>Project Comments/Reference</b>				<b>Version Comments</b>													
7171073				COMMITMENT: CR201/2017 - C 49/2017 - 2021 F169 \$18,750 - 2021 F221 \$56,250													
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>													
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>		
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>													
2021	75,000	75,000	0	5410	Construction Contracts - TCA												
2022	0	0	0		75,000	0	0	0	0	0	0	0	0	0	75,000		
2023	0	0	0	Total											75,000		
2024	0	0	0	<b>Revenues</b>													
2025	0	0	0	169	Pay As You Go - Capital Reserve												
2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0		
2027	0	0	0	169CF	Committed Funding												
2028	0	0	0		18,750	0	0	0	0	0	0	0	0	0	18,750		
2029	0	0	0	221	Service Sustainability Investm												
2030	0	0	0		0	0	0	0	0	0	0	0	0	0	0		
<b>75,000</b>		<b>75,000</b>		<b>0</b>		Total											<b>75,000</b>
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>													
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>								
2017	January 23, 2021	Growth: 25.0 % Maintenance: 75.0 %		Heidi Baillargeon					2021`								



# Project Version Summary

<b>Project #</b>	PFO-006-18	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Ditch Cutting Equipment for Vacant Properties/Phragmites Control		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
As per B38/2018, City Council approved on Monday Jan. 15th, 2018 the purchase of a ditch cutting flail mower/wet blade.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
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.  7181033				COMMITMENT: B38/2018 - C 243/2017 - 2022 F169 \$266,280												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0													
2022	266,280	266,280	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													
2029	0	0	0													
2030	0	0	0													
<b>266,280</b>																
<b>266,280</b>																
<b>0</b>																
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>					<b>Est. Completion Date</b>								
2018	February 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	James Chacko/Angela Marazita					May 31, 2018								



# Project Version Summary

<b>Project #</b>	PFO-006-19	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Recycling Silos in Parks		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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.	2021- 2023: Purchase and installation of additional recycling silos 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.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
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.

<b>Project Forecast</b>	<b>Project Detailed Forecast</b>																																																																																																																																																																																																													
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th colspan="10"></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>2021</td> <td>64,000</td> <td>64,000</td> <td>0</td> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>2022</td> <td>64,000</td> <td>64,000</td> <td>0</td> <td>2230</td> <td colspan="11">Infrastructure Maint. Material</td> </tr> <tr> <td>2023</td> <td>64,000</td> <td>64,000</td> <td>0</td> <td></td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>25,000</td> <td>25,000</td> <td>25,000</td> <td>523,000</td> </tr> <tr> <td>2024</td> <td>64,000</td> <td>64,000</td> <td>0</td> <td>Total</td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>25,000</td> <td>25,000</td> <td>25,000</td> <td>523,000</td> </tr> <tr> <td>2025</td> <td>64,000</td> <td>64,000</td> <td>0</td> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>2026</td> <td>64,000</td> <td>64,000</td> <td>0</td> <td>169</td> <td colspan="11">Pay As You Go - Capital Reserve</td> </tr> <tr> <td>2027</td> <td>64,000</td> <td>64,000</td> <td>0</td> <td></td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>25,000</td> <td>25,000</td> <td>25,000</td> <td>523,000</td> </tr> <tr> <td>2028</td> <td>25,000</td> <td>25,000</td> <td>0</td> <td>Total</td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>64,000</td> <td>25,000</td> <td>25,000</td> <td>25,000</td> <td>523,000</td> </tr> <tr> <td>2029</td> <td>25,000</td> <td>25,000</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td>2030</td> <td>25,000</td> <td>25,000</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td colspan="2"><b>523,000</b></td> <td><b>523,000</b></td> <td><b>0</b></td> <td colspan="12"></td> </tr> </tbody> </table>			Revenue												Year	Total Expense	Net City Cost	Subsidies	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	2021	64,000	64,000	0	<b>Expenses</b>												2022	64,000	64,000	0	2230	Infrastructure Maint. Material											2023	64,000	64,000	0		64,000	64,000	64,000	64,000	64,000	64,000	64,000	25,000	25,000	25,000	523,000	2024	64,000	64,000	0	Total	64,000	64,000	64,000	64,000	64,000	64,000	64,000	25,000	25,000	25,000	523,000	2025	64,000	64,000	0	<b>Revenues</b>												2026	64,000	64,000	0	169	Pay As You Go - Capital Reserve											2027	64,000	64,000	0		64,000	64,000	64,000	64,000	64,000	64,000	64,000	25,000	25,000	25,000	523,000	2028	25,000	25,000	0	Total	64,000	64,000	64,000	64,000	64,000	64,000	64,000	25,000	25,000	25,000	523,000	2029	25,000	25,000	0													2030	25,000	25,000	0													<b>523,000</b>		<b>523,000</b>	<b>0</b>												
		Revenue																																																																																																																																																																																																												
Year	Total Expense	Net City Cost	Subsidies	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																															
2021	64,000	64,000	0	<b>Expenses</b>																																																																																																																																																																																																										
2022	64,000	64,000	0	2230	Infrastructure Maint. Material																																																																																																																																																																																																									
2023	64,000	64,000	0		64,000	64,000	64,000	64,000	64,000	64,000	64,000	25,000	25,000	25,000	523,000																																																																																																																																																																																															
2024	64,000	64,000	0	Total	64,000	64,000	64,000	64,000	64,000	64,000	64,000	25,000	25,000	25,000	523,000																																																																																																																																																																																															
2025	64,000	64,000	0	<b>Revenues</b>																																																																																																																																																																																																										
2026	64,000	64,000	0	169	Pay As You Go - Capital Reserve																																																																																																																																																																																																									
2027	64,000	64,000	0		64,000	64,000	64,000	64,000	64,000	64,000	64,000	25,000	25,000	25,000	523,000																																																																																																																																																																																															
2028	25,000	25,000	0	Total	64,000	64,000	64,000	64,000	64,000	64,000	64,000	25,000	25,000	25,000	523,000																																																																																																																																																																																															
2029	25,000	25,000	0																																																																																																																																																																																																											
2030	25,000	25,000	0																																																																																																																																																																																																											
<b>523,000</b>		<b>523,000</b>	<b>0</b>																																																																																																																																																																																																											

<b>Historical Approved Budget</b>																	
<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>2019</td> <td>65,000</td> <td>65,000</td> <td>0</td> </tr> <tr> <td>2020</td> <td>64,000</td> <td>64,000</td> <td>0</td> </tr> </tbody> </table>			Revenue		Year	Total Expense	Net City Cost	Subsidies	2019	65,000	65,000	0	2020	64,000	64,000	0	
		Revenue															
Year	Total Expense	Net City Cost	Subsidies														
2019	65,000	65,000	0														
2020	64,000	64,000	0														

<b>Related Projects</b>	<b>Operating Budget Impact</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2019	May 1, 2019	Growth: 100.0 % Maintenance: 0.0 %	James Chacko/ Jamie Scott	Ongoing`



# Project Version Summary

<b>Project #</b>	PFO-006-20	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Riverfront Walkway Stabilization		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 3, Ward 7		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																									
Project funding is to ensure the integrity and stabilization of the walkway located at the river's edge. Stabilization of the walkway is not related to the shore wall infrastructure which is funded separate. This project is supported by the asset management principles as detailed in report S 129/2019.				2025: Riverfront Walkway restorations Legacy Park - \$1,500,000 2026: Riverfront Walkway restoration Legacy Park - \$500,000 2028: Riverfront Walkway restorations St. Paul Pumping Station- \$500,000 2029: Riverfront Walkway restorations St. Paul Pumping Station- \$500,000 2030: Riverfront Walkway restorations Centennial Park- \$500,000																																																																																																																																																																									
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																									
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																									
<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>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>1,500,000</td><td>1,500,000</td><td>0</td></tr> <tr><td>2026</td><td>500,000</td><td>500,000</td><td>0</td></tr> <tr><td>2027</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2028</td><td>500,000</td><td>500,000</td><td>0</td></tr> <tr><td>2029</td><td>500,000</td><td>500,000</td><td>0</td></tr> <tr><td>2030</td><td>500,000</td><td>500,000</td><td>0</td></tr> <tr><td></td><td><b>3,500,000</b></td><td><b>3,500,000</b></td><td><b>0</b></td></tr> </tbody> </table>						Revenue		Year	Total Expense	Net City Cost	Subsidies	2021	0	0	0	2022	0	0	0	2023	0	0	0	2024	0	0	0	2025	1,500,000	1,500,000	0	2026	500,000	500,000	0	2027	0	0	0	2028	500,000	500,000	0	2029	500,000	500,000	0	2030	500,000	500,000	0		<b>3,500,000</b>	<b>3,500,000</b>	<b>0</b>	<table border="1"> <thead> <tr> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>5410</td> <td colspan="11">Construction Contracts - TCA</td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,500,000</td> <td>500,000</td> <td>0</td> <td>500,000</td> <td>500,000</td> <td>500,000</td> <td>3,500,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,500,000</td> <td>500,000</td> <td>0</td> <td>500,000</td> <td>500,000</td> <td>500,000</td> <td>3,500,000</td> </tr> <tr> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>221</td> <td colspan="11">Service Sustainability Investm</td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,500,000</td> <td>500,000</td> <td>0</td> <td>500,000</td> <td>500,000</td> <td>500,000</td> <td>3,500,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,500,000</td> <td>500,000</td> <td>0</td> <td>500,000</td> <td>500,000</td> <td>500,000</td> <td>3,500,000</td> </tr> </tbody> </table>										GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>												5410	Construction Contracts - TCA												0	0	0	0	1,500,000	500,000	0	500,000	500,000	500,000	3,500,000	Total	0	0	0	0	1,500,000	500,000	0	500,000	500,000	500,000	3,500,000	<b>Revenues</b>												221	Service Sustainability Investm												0	0	0	0	1,500,000	500,000	0	500,000	500,000	500,000	3,500,000	Total	0	0	0	0	1,500,000	500,000	0	500,000	500,000	500,000	3,500,000
		Revenue																																																																																																																																																																											
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																										
2021	0	0	0																																																																																																																																																																										
2022	0	0	0																																																																																																																																																																										
2023	0	0	0																																																																																																																																																																										
2024	0	0	0																																																																																																																																																																										
2025	1,500,000	1,500,000	0																																																																																																																																																																										
2026	500,000	500,000	0																																																																																																																																																																										
2027	0	0	0																																																																																																																																																																										
2028	500,000	500,000	0																																																																																																																																																																										
2029	500,000	500,000	0																																																																																																																																																																										
2030	500,000	500,000	0																																																																																																																																																																										
	<b>3,500,000</b>	<b>3,500,000</b>	<b>0</b>																																																																																																																																																																										
GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																		
<b>Expenses</b>																																																																																																																																																																													
5410	Construction Contracts - TCA																																																																																																																																																																												
	0	0	0	0	1,500,000	500,000	0	500,000	500,000	500,000	3,500,000																																																																																																																																																																		
Total	0	0	0	0	1,500,000	500,000	0	500,000	500,000	500,000	3,500,000																																																																																																																																																																		
<b>Revenues</b>																																																																																																																																																																													
221	Service Sustainability Investm																																																																																																																																																																												
	0	0	0	0	1,500,000	500,000	0	500,000	500,000	500,000	3,500,000																																																																																																																																																																		
Total	0	0	0	0	1,500,000	500,000	0	500,000	500,000	500,000	3,500,000																																																																																																																																																																		
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>																																																																																																																																																																									
<b>Related Projects</b>																																																																																																																																																																													
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>																																																																																																																																																																				
2020		Growth: 0.0 % Maintenance: 0.0 %		Heidi Baillargeon					Ongoing																																																																																																																																																																				



## Project Version Summary

<b>Project #</b>	PFO-007-11	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Tree Maintenance Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>The Forestry Division is responsible for the maintenance of approximately 65,000 street trees along the right-of-way and 20,000 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 5,500 calls per year for maintenance.</p> <p>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.</p>	<p>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. 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.</p> <p>2021:  \$1,344,143 Tree Trimming Preventative Maintenance  \$250,000 Tree Planting  \$200,000 Urban Forest Management Plan  \$200,000 Tree Removals  TOTAL: \$1,994,143</p> <p>2022:  \$1,544,143 Tree Trimming Preventative Maintenance  \$250,000 Tree Planting  \$200,000 Tree Removals  TOTAL: \$1,994,143</p> <p>2023:  \$1,544,143 Tree Trimming Preventative Maintenance  \$250,000 Tree Planting  \$200,000 Tree Removals  TOTAL: \$1,994,143</p> <p>2024:  \$1,795,143 Tree Trimming Preventative Maintenance  \$250,000 Tree Planting  \$200,000 Tree Removals  TOTAL: \$2,245,143</p> <p>2025:  \$1,544,143 Tree Trimming Preventative Maintenance  \$250,000 Tree Planting  \$200,000 Tree Removals  TOTAL: \$1,994,143</p> <p>2026:  \$1,580,000 Tree Trimming Preventative Maintenance  \$250,000 Tree Planting  \$250,000 Tree Removals  TOTAL: \$2,080,000</p> <p>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</p> <p>2028- 2031+:  \$3,160,000 Tree Trimming Preventative Maintenance  \$500,000 Tree Planting  \$500,000 Tree Removals  TOTAL: \$4,160,000</p>

<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																						
7131021				<p>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.</p> <p>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.</p>																																																																																																																																																																																																																						
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																						
				<table border="1"> <thead> <tr> <th colspan="4">Revenue</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td><b>Year</b></td> <td><b>Total Expense</b></td> <td><b>Net City Cost</b></td> <td><b>Subsidies</b></td> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>2021</td> <td>1,994,143</td> <td>1,994,143</td> <td>0</td> <td>2950</td> <td colspan="10">Other Prof Services-External</td> </tr> <tr> <td>2022</td> <td>1,994,143</td> <td>1,994,143</td> <td>0</td> <td></td> <td>200,000</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>0</td> <td>200,000</td> </tr> <tr> <td>2023</td> <td>1,994,143</td> <td>1,994,143</td> <td>0</td> <td>2980</td> <td colspan="10">Contracted Services</td> </tr> <tr> <td>2024</td> <td>2,245,143</td> <td>2,245,143</td> <td>0</td> <td></td> <td>1,794,143</td> <td>1,994,143</td> <td>1,994,143</td> <td>2,245,143</td> <td>1,994,143</td> <td>2,080,000</td> <td>2,080,000</td> <td>2,080,000</td> <td>2,080,000</td> <td>2,080,000</td> <td>20,421,715</td> </tr> <tr> <td>2025</td> <td>1,994,143</td> <td>1,994,143</td> <td>0</td> <td></td> <td>Total</td> <td>1,994,143</td> <td>1,994,143</td> <td>1,994,143</td> <td>2,245,143</td> <td>1,994,143</td> <td>2,080,000</td> <td>2,080,000</td> <td>2,080,000</td> <td>2,080,000</td> <td>20,621,715</td> </tr> <tr> <td>2026</td> <td>2,080,000</td> <td>2,080,000</td> <td>0</td> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>2027</td> <td>2,080,000</td> <td>2,080,000</td> <td>0</td> <td>221</td> <td colspan="10">Service Sustainability Investm</td> </tr> <tr> <td>2028</td> <td>2,080,000</td> <td>2,080,000</td> <td>0</td> <td></td> <td>1,994,143</td> <td>1,994,143</td> <td>1,994,143</td> <td>2,245,143</td> <td>1,994,143</td> <td>2,080,000</td> <td>2,080,000</td> <td>2,080,000</td> <td>2,080,000</td> <td>2,080,000</td> <td>20,621,715</td> </tr> <tr> <td>2029</td> <td>2,080,000</td> <td>2,080,000</td> <td>0</td> <td></td> <td>Total</td> <td>1,994,143</td> <td>1,994,143</td> <td>1,994,143</td> <td>2,245,143</td> <td>1,994,143</td> <td>2,080,000</td> <td>2,080,000</td> <td>2,080,000</td> <td>2,080,000</td> <td>20,621,715</td> </tr> <tr> <td>2030</td> <td>2,080,000</td> <td>2,080,000</td> <td>0</td> <td></td> <td>Total</td> <td>1,994,143</td> <td>1,994,143</td> <td>1,994,143</td> <td>2,245,143</td> <td>1,994,143</td> <td>2,080,000</td> <td>2,080,000</td> <td>2,080,000</td> <td>2,080,000</td> <td>20,621,715</td> </tr> <tr> <td></td> <td><b>20,621,715</b></td> <td><b>20,621,715</b></td> <td><b>0</b></td> <td colspan="12"></td> </tr> </tbody> </table>										Revenue				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												2021	1,994,143	1,994,143	0	2950	Other Prof Services-External										2022	1,994,143	1,994,143	0		200,000	0	0	0	0	0	0	0	0	0	200,000	2023	1,994,143	1,994,143	0	2980	Contracted Services										2024	2,245,143	2,245,143	0		1,794,143	1,994,143	1,994,143	2,245,143	1,994,143	2,080,000	2,080,000	2,080,000	2,080,000	2,080,000	20,421,715	2025	1,994,143	1,994,143	0		Total	1,994,143	1,994,143	1,994,143	2,245,143	1,994,143	2,080,000	2,080,000	2,080,000	2,080,000	20,621,715	2026	2,080,000	2,080,000	0	<b>Revenues</b>												2027	2,080,000	2,080,000	0	221	Service Sustainability Investm										2028	2,080,000	2,080,000	0		1,994,143	1,994,143	1,994,143	2,245,143	1,994,143	2,080,000	2,080,000	2,080,000	2,080,000	2,080,000	20,621,715	2029	2,080,000	2,080,000	0		Total	1,994,143	1,994,143	1,994,143	2,245,143	1,994,143	2,080,000	2,080,000	2,080,000	2,080,000	20,621,715	2030	2,080,000	2,080,000	0		Total	1,994,143	1,994,143	1,994,143	2,245,143	1,994,143	2,080,000	2,080,000	2,080,000	2,080,000	20,621,715		<b>20,621,715</b>	<b>20,621,715</b>	<b>0</b>												
Revenue				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																											
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>																																																																																																																																																																																																																						
2021	1,994,143	1,994,143	0	2950	Other Prof Services-External																																																																																																																																																																																																																					
2022	1,994,143	1,994,143	0		200,000	0	0	0	0	0	0	0	0	0	200,000																																																																																																																																																																																																											
2023	1,994,143	1,994,143	0	2980	Contracted Services																																																																																																																																																																																																																					
2024	2,245,143	2,245,143	0		1,794,143	1,994,143	1,994,143	2,245,143	1,994,143	2,080,000	2,080,000	2,080,000	2,080,000	2,080,000	20,421,715																																																																																																																																																																																																											
2025	1,994,143	1,994,143	0		Total	1,994,143	1,994,143	1,994,143	2,245,143	1,994,143	2,080,000	2,080,000	2,080,000	2,080,000	20,621,715																																																																																																																																																																																																											
2026	2,080,000	2,080,000	0	<b>Revenues</b>																																																																																																																																																																																																																						
2027	2,080,000	2,080,000	0	221	Service Sustainability Investm																																																																																																																																																																																																																					
2028	2,080,000	2,080,000	0		1,994,143	1,994,143	1,994,143	2,245,143	1,994,143	2,080,000	2,080,000	2,080,000	2,080,000	2,080,000	20,621,715																																																																																																																																																																																																											
2029	2,080,000	2,080,000	0		Total	1,994,143	1,994,143	1,994,143	2,245,143	1,994,143	2,080,000	2,080,000	2,080,000	2,080,000	20,621,715																																																																																																																																																																																																											
2030	2,080,000	2,080,000	0		Total	1,994,143	1,994,143	1,994,143	2,245,143	1,994,143	2,080,000	2,080,000	2,080,000	2,080,000	20,621,715																																																																																																																																																																																																											
	<b>20,621,715</b>	<b>20,621,715</b>	<b>0</b>																																																																																																																																																																																																																							
<b>Historical Approved Budget</b>																																																																																																																																																																																																																										
				<table border="1"> <thead> <tr> <th colspan="4">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2012</td><td>65,000</td><td>65,000</td><td>0</td></tr> <tr><td>2013</td><td>96,250</td><td>96,250</td><td>0</td></tr> <tr><td>2014</td><td>121,250</td><td>121,250</td><td>0</td></tr> <tr><td>2015</td><td>225,000</td><td>225,000</td><td>0</td></tr> <tr><td>2016</td><td>210,000</td><td>210,000</td><td>0</td></tr> <tr><td>2017</td><td>250,000</td><td>250,000</td><td>0</td></tr> <tr><td>2018</td><td>710,000</td><td>710,000</td><td>0</td></tr> <tr><td>2019</td><td>746,500</td><td>746,500</td><td>0</td></tr> <tr><td>2020</td><td>2,232,643</td><td>2,232,643</td><td>0</td></tr> </tbody> </table>										Revenue				Year	Total Expense	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	2020	2,232,643	2,232,643	0																																																																																																																																																																	
Revenue																																																																																																																																																																																																																										
Year	Total Expense	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																																																																																																																																																																																																																							
2020	2,232,643	2,232,643	0																																																																																																																																																																																																																							
<b>Related Projects</b>				<b>Operating Budget Impact</b>																																																																																																																																																																																																																						
				<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>Forestry Analyst to assist with tree inventory program.</td> <td>0</td> <td>1</td> </tr> </tbody> </table>										Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	Forestry Analyst to assist with tree inventory program.	0	1																																																																																																																																																																																																					
Effective Date	Description	Exp/(Rev)	FTE Impact																																																																																																																																																																																																																							
Unknown	Forestry Analyst to assist with tree inventory program.	0	1																																																																																																																																																																																																																							
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>																																																																																																																																																																																																																						
2011	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Paul Giroux	Ongoing																																																																																																																																																																																																																						



## Project Version Summary

<b>Project #</b>	PFO-007-12	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Neighbourhood Parks Rehabilitation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>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.</p>	<p><b>Version Description</b></p> <p>2021: Bruce Avenue Park Rehabilitation - \$250,000          2022: McKee Park- \$150,000          2025: Bradley Park - \$348,000          2026: Bradley Park - \$152,000 and Maple Leaf Park - \$500,000          2028: Bradley Park Redevelopment \$1,100,000</p>
<p><b>Project Comments/Reference</b></p> <p>Closed: 7129003,7161025,7151015,7184007,7171025          Open: 7181041/7201021</p>	<p><b>Version Comments</b></p> <p>COMMITMENT:          CR674/2018 - C 202/2018 - 2021 F151 \$250,000</p>

Project Forecast				Project Detailed Forecast																			
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total								
Year	Total Expense	Net City Cost	Subsidies	Expenses																			
2021	250,000	250,000	0	5410	Construction Contracts - TCA																		
2022	150,000	150,000	0		250,000	150,000	0	0	348,000	652,000	0	100,000	100,000	100,000	1,700,000								
2023	0	0	0		Total	250,000	150,000	0	0	348,000	652,000	0	100,000	100,000	1,700,000								
2024	0	0	0	Revenues																			
2025	348,000	348,000	0	151	Parks/Rec/Facil Acquis Funding																		
2026	652,000	652,000	0		0	0	0	0	0	0	0	0	0	0	0								
2027	0	0	0	151CF	Committed Funding																		
2028	100,000	100,000	0		250,000	0	0	0	0	0	0	0	0	0	250,000								
2029	100,000	100,000	0	169	Pay As You Go - Capital Reserve																		
2030	100,000	100,000	0		0	150,000	0	0	348,000	652,000	0	0	0	0	1,150,000								
	<b>1,700,000</b>	<b>1,700,000</b>	<b>0</b>	221	Service Sustainability Investm																		
					0	0	0	0	0	0	0	100,000	100,000	100,000	300,000								
					Total	250,000	150,000	0	0	348,000	652,000	0	100,000	100,000	1,700,000								
Historical Approved Budget																							
		Revenue																					
Year	Total Expense	Net City Cost	Subsidies																				
2012	70,000	70,000	0	Operating Budget Impact																			
2014	300,000	300,000	0	Effective Date	Description							Exp/(Rev)	FTE Impact										
2015	340,500	340,500	0	Unknown								0	0										
2016	250,000	250,000	0	Year Identified				Start Date				Project Type for 2021				Project Lead				Est. Completion Date			
2017	250,000	250,000	0	2012	January 1, 2015	Growth: 75.0 % Maintenance: 25.0 %				Heidi Baillargeon				Ongoing`									
2019	500,000	500,000	0																				
2020	610,000	610,000	0																				



# Project Version Summary

<b>Project #</b>	PFO-007-17	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Washrooms at Alexander Park		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 5		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan.															
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7171070				COMMITMENT: CR201/2017 - C 49/2017 - 2021 F169 \$250,000 CR298/2019 - C 110/2019 - 2021 F169 \$70,000 Note: PLACEHOLDER: CR309/2020 C 110/2020 - and July 27th CFO Memorandum pushed Placeholder funding PFO-003-18 Fred Thomas Splash Pad out to 2021 and reallocated the 2020 funding to PFO-007-17 7171070 Washroom at Alexandra Park from the 2021 commitment reducing the deficit and mitigating the capital interest charges.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>	<b>Expenses</b>											
		<b>Net City Cost</b>		5410	Construction Contracts - TCA										
2021	320,000	320,000	0		320,000	0	0	0	0	0	0	0	0	0	320,000
2022	0	0	0												
2023	0	0	0		Total	320,000	0	0	0	0	0	0	0	0	320,000
2024	0	0	0	<b>Revenues</b>											
2025	0	0	0	169	Pay As You Go - Capital Reserve										
2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	169CF	Committed Funding										
2028	0	0	0		320,000	0	0	0	0	0	0	0	0	0	320,000
2029	0	0	0		Total	320,000	0	0	0	0	0	0	0	0	320,000
2030	0	0	0												
	<b>320,000</b>	<b>320,000</b>	<b>0</b>												
<b>Historical Approved Budget</b>															
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>						
2017	January 23, 2021	Growth: 100.0 % Maintenance: 0.0 %		Darron Ahlstedt					2021`						



# Project Version Summary

<b>Project #</b>	PFO-008-12	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	New Park Design/Development/Construction		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
Capital funding for the development of new parkland throughout the City. 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.	2022- New Parks Development Linear Trails and Lights- \$300,000 (Phase One) 2023- New Parks Development Linear Trails and Lights- \$400,000 (Phase Two) 2026- Sandwich South Employment Lands \$300,000

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7129004/ 7171026	

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	5410	Construction Contracts - TCA											
2022	300,000	300,000	0		0	300,000	400,000	0	0	300,000	0	0	0	0	1,000,000	
2023	400,000	400,000	0	Total	0	300,000	400,000	0	0	300,000	0	0	0	0	1,000,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	151	Parks/Rec/Facil Acquis Funding											
2026	300,000	300,000	0		0	300,000	400,000	0	0	300,000	0	0	0	0	1,000,000	
2027	0	0	0	Total	0	300,000	400,000	0	0	300,000	0	0	0	0	1,000,000	
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>1,000,000</b>	<b>1,000,000</b>	<b>0</b>													

<b>Historical Approved Budget</b>			
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	
		<b>Net City Cost</b>	<b>Subsidies</b>
2012	300,000	300,000	0
2017	300,000	300,000	0

<b>Related Projects</b>	<b>Operating Budget Impact</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>
	<b>Effective Date</b> <b>Description</b>		
	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 2021	Project Lead	Est. Completion Date
2012	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %	Heidi Baillargeon/ James Chacko	Ongoing`



# Project Version Summary

<b>Project #</b>	PFO-008-17	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Riverfront Exercise Equipment		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 4		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
				PLACEHOLDER: B56/2017 - 2017 Enhanced Capital Budget 5-year plan - 2021 F169 \$100,000. An additional \$400,000 is being recommended to fund the anticipated cost. B6/2021, C 14/2021- Placeholder funding of \$100,000 2021 removed and re-allocated to Sports Courts (PFO-004-21) to be approved per the 2021 Capital Budget.												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	5410	Construction Contracts - TCA											
2022	0	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	0	800,000	800,000	
2024	0	0	0		0	0	0	0	0	0	0	0	0	800,000	800,000	
2025	0	0	0	<b>Revenues</b>												
2026	0	0	0	169	Pay As You Go - Capital Reserve											
2027	0	0	0		0	0	0	0	0	0	0	0	0	800,000	800,000	
2028	0	0	0	169CF	Committed Funding											
2029	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
2030	800,000	800,000	0		0	0	0	0	0	0	0	0	0	800,000	800,000	
	<b>800,000</b>	<b>800,000</b>	<b>0</b>		0	0	0	0	0	0	0	0	0	800,000	800,000	
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
<b>Related Projects</b>																
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2017	January 23, 2021	Growth: 0.0 % Maintenance: 0.0 %		Heidi Baillargeon/ James Chacko					2021`							



Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2012	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Heidi Baillargeon	Ongoing`	0	0
			Effective Date	Description		
			Unknown	Capital projects may yield lower repair costs incurred by operating department depending upon the level of structure repairs.		



# Project Version Summary

<b>Project #</b>	PFO-010-17	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Dog Park Development		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																													
For Development of Dog Parks within Parkland throughout the City as per the Parks master plan. New Dog Park policy was approved by Council which highlighted standard amenities to be included.				2021- Malden Park - \$75,000 2028- East End Dog Park \$0 Planning and Design phase 1 (remaining funds will be used for Phase 2 Construction) 2029- East End Dog Park Construction Phase 2 Construction \$0 2030-2031+ South Windsor Dog Park Planning and Design \$0																																																																																																																																																																																																																													
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																													
7171066				COMMITMENT: CR201/2017 - C 49/2017 - 2021 F169 \$75,000																																																																																																																																																																																																																													
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																													
				<table border="1"> <thead> <tr> <th colspan="4">Revenue</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td><b>Year</b></td> <td><b>Total Expense</b></td> <td><b>Net City Cost</b></td> <td><b>Subsidies</b></td> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>2021</td> <td>75,000</td> <td>75,000</td> <td>0</td> <td>5410</td> <td colspan="11">Construction Contracts - TCA</td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>75,000</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>0</td> <td>75,000</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>Total</td> <td>75,000</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>75,000</td> </tr> <tr> <td>2024</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>2025</td> <td>0</td> <td>0</td> <td>0</td> <td>169</td> <td colspan="11">Pay As You Go - Capital Reserve</td> </tr> <tr> <td>2026</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> </tr> <tr> <td>2027</td> <td>0</td> <td>0</td> <td>0</td> <td>169CF</td> <td colspan="11">Committed Funding</td> </tr> <tr> <td>2028</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>75,000</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>0</td> <td>75,000</td> </tr> <tr> <td>2029</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>Total</td> <td>75,000</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>75,000</td> </tr> <tr> <td>2030</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td colspan="4"><b>75,000</b></td> <td colspan="13"><b>75,000</b></td> </tr> </tbody> </table>													Revenue				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												2021	75,000	75,000	0	5410	Construction Contracts - TCA											2022	0	0	0		75,000	0	0	0	0	0	0	0	0	0	75,000	2023	0	0	0		Total	75,000	0	0	0	0	0	0	0	0	75,000	2024	0	0	0	<b>Revenues</b>												2025	0	0	0	169	Pay As You Go - Capital Reserve											2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0	2027	0	0	0	169CF	Committed Funding											2028	0	0	0		75,000	0	0	0	0	0	0	0	0	0	75,000	2029	0	0	0		Total	75,000	0	0	0	0	0	0	0	0	75,000	2030	0	0	0													<b>75,000</b>				<b>75,000</b>												
Revenue				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																		
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>																																																																																																																																																																																																																													
2021	75,000	75,000	0	5410	Construction Contracts - TCA																																																																																																																																																																																																																												
2022	0	0	0		75,000	0	0	0	0	0	0	0	0	0	75,000																																																																																																																																																																																																																		
2023	0	0	0		Total	75,000	0	0	0	0	0	0	0	0	75,000																																																																																																																																																																																																																		
2024	0	0	0	<b>Revenues</b>																																																																																																																																																																																																																													
2025	0	0	0	169	Pay As You Go - Capital Reserve																																																																																																																																																																																																																												
2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																		
2027	0	0	0	169CF	Committed Funding																																																																																																																																																																																																																												
2028	0	0	0		75,000	0	0	0	0	0	0	0	0	0	75,000																																																																																																																																																																																																																		
2029	0	0	0		Total	75,000	0	0	0	0	0	0	0	0	75,000																																																																																																																																																																																																																		
2030	0	0	0																																																																																																																																																																																																																														
<b>75,000</b>				<b>75,000</b>																																																																																																																																																																																																																													
<b>Historical Approved Budget</b>																																																																																																																																																																																																																																	
<b>Related Projects</b>				<b>Operating Budget Impact</b>																																																																																																																																																																																																																													
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>																																																																																																																																																																																																																													
2017	January 23, 2021	Growth: 100.0 % Maintenance: 0.0 %	Trevor Duquette	2026`																																																																																																																																																																																																																													



# Project Version Summary

<b>Project #</b>	PFO-010-20	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Park Bench Replacement Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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 over 75% 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.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7209007, 7201022	COMMITMENT: CR522/2020, C 199/2020- \$50,000 F221 2021

<b>Project Forecast</b>	<b>Project Detailed Forecast</b>																																																																																																																																																																																																													
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th colspan="10"></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>2021</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>2022</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td>2230</td> <td colspan="11">Infrastructure Maint. Material</td> </tr> <tr> <td>2023</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td></td> <td>50,000</td> <td>500,000</td> </tr> <tr> <td>2024</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td></td> <td>Total</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>500,000</td> </tr> <tr> <td>2025</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>2026</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td>221</td> <td colspan="11">Service Sustainability Investm</td> </tr> <tr> <td>2027</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td></td> <td>0</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>450,000</td> </tr> <tr> <td>2028</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td>221CF</td> <td colspan="11">Committed Funding</td> </tr> <tr> <td>2029</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td></td> <td>50,000</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>0</td> <td>50,000</td> </tr> <tr> <td>2030</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td></td> <td>Total</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>500,000</td> </tr> <tr> <td></td> <td><b>500,000</b></td> <td><b>500,000</b></td> <td><b>0</b></td> <td colspan="12"></td> </tr> </tbody> </table>			Revenue												Year	Total Expense	Net City Cost	Subsidies	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	2021	50,000	50,000	0	<b>Expenses</b>												2022	50,000	50,000	0	2230	Infrastructure Maint. Material											2023	50,000	50,000	0		50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000	2024	50,000	50,000	0		Total	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000	2025	50,000	50,000	0	<b>Revenues</b>												2026	50,000	50,000	0	221	Service Sustainability Investm											2027	50,000	50,000	0		0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	450,000	2028	50,000	50,000	0	221CF	Committed Funding											2029	50,000	50,000	0		50,000	0	0	0	0	0	0	0	0	0	50,000	2030	50,000	50,000	0		Total	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000		<b>500,000</b>	<b>500,000</b>	<b>0</b>												
		Revenue																																																																																																																																																																																																												
Year	Total Expense	Net City Cost	Subsidies	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																															
2021	50,000	50,000	0	<b>Expenses</b>																																																																																																																																																																																																										
2022	50,000	50,000	0	2230	Infrastructure Maint. Material																																																																																																																																																																																																									
2023	50,000	50,000	0		50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000																																																																																																																																																																																															
2024	50,000	50,000	0		Total	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000																																																																																																																																																																																															
2025	50,000	50,000	0	<b>Revenues</b>																																																																																																																																																																																																										
2026	50,000	50,000	0	221	Service Sustainability Investm																																																																																																																																																																																																									
2027	50,000	50,000	0		0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	450,000																																																																																																																																																																																															
2028	50,000	50,000	0	221CF	Committed Funding																																																																																																																																																																																																									
2029	50,000	50,000	0		50,000	0	0	0	0	0	0	0	0	0	50,000																																																																																																																																																																																															
2030	50,000	50,000	0		Total	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000																																																																																																																																																																																															
	<b>500,000</b>	<b>500,000</b>	<b>0</b>																																																																																																																																																																																																											

<b>Historical Approved Budget</b>																																														
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th colspan="10"></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th colspan="12"></th> </tr> </thead> <tbody> <tr> <td>2020</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td colspan="12"></td> </tr> </tbody> </table>			Revenue												Year	Total Expense	Net City Cost	Subsidies													2020	50,000	50,000	0												
		Revenue																																												
Year	Total Expense	Net City Cost	Subsidies																																											
2020	50,000	50,000	0																																											

Related Projects		Operating Budget Impact		
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2020		Growth: 0.0 % Maintenance: 100.0 %	James Chacko/ Jamie Scott	Ongoing`



# Project Version Summary

<b>Project #</b>	PFO-011-12	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Beautification of Civic Gateways and Other Open Spaces		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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.	Funding has been identified and will be coordinated with future City beautification project being conducted by City Engineering department that have a civic gateway, median or open space component that is maintained by the Parks department.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7129006	

Project Forecast				Project Detailed Forecast											
				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>											
		<b>Net City Cost</b>	<b>Subsidies</b>	5410	Construction Contracts - TCA										
2021	0	0	0		0	0	0	0	0	300,000	300,000	0	0	0	600,000
2022	0	0	0		0	0	0	0	0	300,000	300,000	0	0	0	600,000
2023	0	0	0		0	0	0	0	0	300,000	300,000	0	0	0	600,000
2024	0	0	0		0	0	0	0	0	300,000	300,000	0	0	0	600,000
2025	0	0	0		0	0	0	0	0	300,000	300,000	0	0	0	600,000
2026	300,000	300,000	0		0	0	0	0	0	300,000	300,000	0	0	0	600,000
2027	300,000	300,000	0		0	0	0	0	0	300,000	300,000	0	0	0	600,000
2028	0	0	0		0	0	0	0	0	300,000	300,000	0	0	0	600,000
2029	0	0	0		0	0	0	0	0	300,000	300,000	0	0	0	600,000
2030	0	0	0		0	0	0	0	0	300,000	300,000	0	0	0	600,000
	<b>600,000</b>	<b>600,000</b>	<b>0</b>												

Historical Approved Budget															
				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Revenues</b>											
		<b>Net City Cost</b>	<b>Subsidies</b>	169	Pay As You Go - Capital Reserve										
2012	125,000	125,000	0		0	0	0	0	0	300,000	300,000	0	0	0	600,000
2014	104,000	104,000	0		0	0	0	0	0	300,000	300,000	0	0	0	600,000
2015	200,000	200,000	0		0	0	0	0	0	300,000	300,000	0	0	0	600,000
2016	215,000	215,000	0		0	0	0	0	0	300,000	300,000	0	0	0	600,000

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2012	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Heidi Baillargeon	Ongoing`	0	0
			<b>Effective Date</b> <b>Description</b> 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.			



## Project Version Summary

<b>Project #</b>	PFO-012-12	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Park Trails Capital Rehabilitation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>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.</p> <p>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.</p>	<p><b>Version Description</b></p> <p>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.</p>
<p><b>Project Comments/Reference</b></p> <p>(7129012 Closed)/7161026/7181041/7184007/7201022</p>	<p><b>Version Comments</b></p> <p>COMMITMENT: CR522/2020, C 199/2020- \$200,000 F221 2021</p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	200,000	200,000	0	5410	Construction Contracts - TCA										
2022	600,000	600,000	0		200,000	600,000	100,000	200,000	300,000	200,000	0	300,000	300,000	225,000	2,425,000
2023	100,000	100,000	0		Total										
2024	200,000	200,000	0		200,000	600,000	100,000	200,000	300,000	200,000	0	300,000	300,000	225,000	2,425,000
2025	300,000	300,000	0	Revenues											
2026	200,000	200,000	0	151	Parks/Rec/Facil Acquis Funding										
2027	0	0	0		0	0	0	0	0	200,000	0	300,000	300,000	100,000	900,000
2028	300,000	300,000	0	221	Service Sustainability Investm										
2029	300,000	300,000	0		0	600,000	100,000	200,000	300,000	0	0	0	0	125,000	1,325,000
2030	225,000	225,000	0	221CF	Committed Funding										
					200,000	0	0	0	0	0	0	0	0	0	200,000
	<b>2,425,000</b>	<b>2,425,000</b>	<b>0</b>		Total										
					200,000	600,000	100,000	200,000	300,000	200,000	0	300,000	300,000	225,000	2,425,000
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2016	200,000	200,000	0	Operating Budget Impact											
2017	200,000	200,000	0	Effective Date	Description							Exp/(Rev)	FTE Impact		
2019	736,000	736,000	0	Unknown	The increase in trail replacement reduces the operational repairs and maintenance for older trails at the end of their expected life.						0	0			
2020	200,000	200,000	0	Related Projects											
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date											
2012	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %	Heidi Baillargeon	Ongoing`											



# Project Version Summary

<b>Project #</b>	PFO-012-17	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Central Park Tennis Court (Repave, New Nets, Paint)		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7171091				COMMITMENT: CR528/2017 - C 143/2017 - 2021 F221 \$100,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	100,000	100,000	0	5410 Construction Contracts - TCA												
2022	0	0	0	100,000 0 0 0 0 0 0 0 0 0 0 0 0 100,000												
2023	0	0	0	Total 100,000 0 0 0 0 0 0 0 0 0 0 0 0 100,000												
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	221 Service Sustainability Investm												
2026	0	0	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0												
2027	0	0	0	221CF Committed Funding												
2028	0	0	0	100,000 0 0 0 0 0 0 0 0 0 0 0 0 100,000												
2029	0	0	0	Total 100,000 0 0 0 0 0 0 0 0 0 0 0 0 100,000												
2030	0	0	0													
<b>100,000</b>				<b>100,000</b>												
<b>0</b>				<b>0</b>												
<b>Historical Approved Budget</b>																
				<b>Revenue</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2019	45,000	45,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2017	January 23, 2021	Growth: 0.0 % Maintenance: 100.0 %	Darron Ahlstedt	2021`												



# Project Version Summary

<b>Project #</b>	PFO-013-12	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Park-Related Parking Lots Capital Upgrades		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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 2020 in conjunction with the asset management plan.	2021: Forest Glade Parking Lot- \$200,000 2022: Riverside Baseball Parking Lot \$200,000 2023-2026: Malden Park parking lot on Matchette Rd \$1,150,000 2026: Malden Park parking lot for Visitor Centre \$500,000 2027-2028: Mic Mac parking lots \$500,000 2029 to 2031- Walker Homesite \$600,000 2031+ Spring Garden Natural Area Environmental Parking Lot  Conditional assessment reports will be developed which will allow for parking lot replacements to be identified and prioritized.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
(7129007 Closed) 7 191039 / 7181026 / 7191036	COMMITMENT: CR111/2020 - C 28/2020 - (Riverside Baseball Parking Lot) 2022 F169 \$50,000 - 2022 F221 \$150,000

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	200,000	200,000	0	5410	Construction Contracts - TCA											
2022	200,000	200,000	0		200,000	200,000	200,000	100,000	350,000	500,000	200,000	300,000	300,000	300,000	2,650,000	
2023	200,000	200,000	0		Total	200,000	200,000	200,000	100,000	350,000	500,000	200,000	300,000	300,000	2,650,000	
2024	100,000	100,000	0	<b>Revenues</b>												
2025	350,000	350,000	0	169	Pay As You Go - Capital Reserve											
2026	500,000	500,000	0		50,000	0	50,000	25,000	25,000	0	0	0	0	0	150,000	
2027	200,000	200,000	0	169CF	Committed Funding											
2028	300,000	300,000	0		0	50,000	0	0	0	0	0	0	0	0	50,000	
2029	300,000	300,000	0	221	Service Sustainability Investm											
2030	300,000	300,000	0		150,000	0	150,000	75,000	325,000	500,000	200,000	300,000	300,000	300,000	2,300,000	
	<b>2,650,000</b>	<b>2,650,000</b>	<b>0</b>	221CF	Committed Funding											
					0	150,000	0	0	0	0	0	0	0	0	150,000	
				Total	200,000	200,000	200,000	100,000	350,000	500,000	200,000	300,000	300,000	300,000	2,650,000	

<b>Historical Approved Budget</b>			
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>
2012	75,000	75,000	0
2019	1,000,000	1,000,000	0
2020	500,000	500,000	0

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
			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
2012	January 1, 2019	Growth: 25.0 % Maintenance: 75.0 %	Heidi Baillargeon	2024+		



# Project Version Summary

<b>Project #</b>	PFO-014-12	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Park Community Partnership Initiatives		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	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 7201031- Riverside Miracle Park				COMMITMENT: CR51/2020, C 6/2020 - Canadian Tire Jumpstart Charities Accessibility Grant - 2020 F169 \$150,000 - City matching funding Grant funding RMBC \$200,000 - JUMPSTART \$350,000												
Project Forecast				Project Detailed Forecast												
				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Revenue														
		Net City Cost	Subsidies													
2021	25,000	25,000	0													
2022	25,000	25,000	0													
2023	25,000	25,000	0													
2024	25,000	25,000	0													
2025	25,000	25,000	0													
2026	0	0	0													
2027	0	0	0													
2028	25,000	25,000	0													
2029	25,000	25,000	0													
2030	25,000	25,000	0													
	<b>200,000</b>	<b>200,000</b>	<b>0</b>													
Historical Approved Budget																
Year	Total Expense	Revenue														
		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													
2020	25,000	25,000	0													

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date	
2012	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %	Heidi Baillargeon	Ongoing`	
			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



# Project Version Summary

<b>Project #</b>	PFO-015-12	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Parks Master Plan		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7129013 (closed) 7212008																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>	2980	Contracted Services											
2021	50,000	50,000	0		0	50,000	0	0	0	125,000	50,000	50,000	0	0	275,000	
2022	50,000	50,000	0	8110	Salary-Reg.Full Time											
2023	0	0	0		50,000	0	0	0	0	0	0	0	0	0	50,000	
2024	0	0	0	Total	50,000	50,000	0	0	0	125,000	50,000	50,000	0	0	325,000	
2025	0	0	0	<b>Revenues</b>												
2026	125,000	125,000	0	121	Dev Chg - General											
2027	50,000	50,000	0		50,000	0	0	0	0	0	0	0	0	0	50,000	
2028	50,000	50,000	0	221	Service Sustainability Investm											
2029	0	0	0		0	50,000	0	0	0	125,000	50,000	50,000	0	0	275,000	
2030	0	0	0	Total	50,000	50,000	0	0	0	125,000	50,000	50,000	0	0	325,000	
	<b>325,000</b>	<b>325,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
				<b>Operating Budget Impact</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>									
2013	140,000	140,000	0	Unknown	Master Plan will guide future investment and prioritization of operating budget funding allocation based upon determined level of service.	0	0									
<b>Related Projects</b>																
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2012	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %	Mike Clement	Ongoing												



# Project Version Summary

<b>Project #</b>	PFO-016-12	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Parkland Acquisitions		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
(Closed: 7129014/7181019) 7219015																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	50,000	50,000	0	2950	Other Prof Services-External											
2022	50,000	50,000	0		50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000	
2023	50,000	50,000	0		Total	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000	
2024	50,000	50,000	0	<b>Revenues</b>												
2025	50,000	50,000	0	151	Parks/Rec/Facil Acquis Funding											
2026	50,000	50,000	0		50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000	
2027	50,000	50,000	0		Total	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000	
2028	50,000	50,000	0													
2029	50,000	50,000	0													
2030	50,000	50,000	0													
	<b>500,000</b>	<b>500,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2018	13,000	13,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>							<b>Est. Completion Date</b>					
2012	January 1, 2024	Growth: 100.0 % Maintenance: 0.0 %		Heidi Baillargeon/ James Chacko							Ongoing					



# Project Version Summary

<b>Project #</b>	PFO-017-12	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Parks & Facilities
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks
<b>Title</b>	Playground Equipment Removal		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Playground Equipment Removal (Active)		

Project Description				Version 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.				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				Version Comments												
7129009																
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	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	100,000	100,000	1,000,000	
2023	100,000	100,000	0		Total	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000	
2024	100,000	100,000	0	Revenues												
2025	100,000	100,000	0	151	Parks/Rec/Facil Acquis Funding											
2026	100,000	100,000	0		0	0	0	0	100,000	100,000	100,000	100,000	100,000	100,000	500,000	
2027	100,000	100,000	0	221	Service Sustainability Investm											
2028	100,000	100,000	0		100,000	100,000	100,000	100,000	100,000	0	0	0	0	0	500,000	
2029	100,000	100,000	0		Total	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000	
2030	100,000	100,000	0													
	<b>1,000,000</b>	<b>1,000,000</b>	<b>0</b>													
Historical Approved Budget																
		Revenue														
Year	Total Expense	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													
2020	100,000	100,000	0													

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2012	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	James Chacko/ Jamie Scott	Ongoing`



# Project Version Summary

<b>Project #</b>	PFO-003-20	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Recreation & Culture
<b>Asset Type</b>	Unassigned	<b>Division</b>	Admin - Recreation & Culture
<b>Title</b>	Holiday Lights Capital Maintenance		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>													
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.													
<b>Project Comments/Reference</b>				<b>Version Comments</b>													
7171089																	
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>													
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>		
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>													
2021	50,000	50,000	0	5411	Construction Contracts-Non TCA												
2022	50,000	50,000	0		50,000	50,000	105,801	50,000	50,000	50,000	50,000	0	50,000	0	455,801		
2023	105,801	105,801	0		Total	50,000	50,000	105,801	50,000	50,000	50,000	50,000	0	50,000	0	455,801	
2024	50,000	50,000	0	<b>Revenues</b>													
2025	50,000	50,000	0	221	Service Sustainability Investm												
2026	50,000	50,000	0		50,000	50,000	105,801	50,000	50,000	50,000	50,000	0	50,000	0	455,801		
2027	50,000	50,000	0		Total	50,000	50,000	105,801	50,000	50,000	50,000	50,000	0	50,000	0	455,801	
2028	0	0	0														
2029	50,000	50,000	0														
2030	0	0	0														
	<b>455,801</b>	<b>455,801</b>	<b>0</b>														
<b>Historical Approved Budget</b>																	
				<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>										
				2020	44,199	44,199	0										
<b>Related Projects</b>				<b>Operating Budget Impact</b>													
				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>										
				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										
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>													
2020	January 1, 2020	Growth: 0.0 % Maintenance: 100.0 %	Ray Mensour	Ongoing													



# Project Version Summary

<b>Project #</b>	REC-001-08	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Recreation & Culture
<b>Asset Type</b>	Unassigned	<b>Division</b>	Community Centres & Programming
<b>Title</b>	The WFCU Centre Transitional Budget		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 7		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	5410	Construction Contracts - TCA											
2022	400,000	400,000	0		0	400,000	0	0	0	0	0	0	0	0	400,000	
2023	0	0	0		Total	0	400,000	0	0	0	0	0	0	0	400,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		0	400,000	0	0	0	0	0	0	0	0	400,000	
2027	0	0	0		Total	0	400,000	0	0	0	0	0	0	0	400,000	
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
<b>400,000</b>		<b>400,000</b>														
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
<b>Related Projects</b>																
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2008	January 1, 2008	Growth: 0.0 % Maintenance: 0.0 %		Jan Wilson					Jan 01, 2009`							



## Project Version Summary

<b>Project #</b>	REC-002-14	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Recreation & Culture
<b>Asset Type</b>	Unassigned	<b>Division</b>	Community Centres & Programming
<b>Title</b>	Relocation of Sandpoint Beach		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 7		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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".</p> <p>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.</p> <p>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.</p> <p>Relocation of Sandpoint Beach is projected to require over \$5M in funding.</p>	<p>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.</p> <p>In February 2018, CR 83/2018 was approved requesting an estimate from administration to conduct a preliminary study. The requested \$227,500 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.</p>
Project Comments/Reference	Version Comments
7209003	

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	0	0	0	5410	Construction Contracts - TCA										
2022	0	0	0		0	0	0	227,500	0	0	0	300,000	300,000	300,000	1,127,500
2023	0	0	0		Total										0
2024	227,500	227,500	0	Revenues											
2025	0	0	0	169	Pay As You Go - Capital Reserve										
2026	0	0	0		0	0	0	40,000	0	0	0	0	0	0	40,000
2027	0	0	0	221	Service Sustainability Investm										
2028	300,000	300,000	0		0	0	0	187,500	0	0	0	300,000	300,000	300,000	1,087,500
2029	300,000	300,000	0		Total										0
2030	300,000	300,000	0		0	0	0	227,500	0	0	0	300,000	300,000	300,000	1,127,500
	<b>1,127,500</b>	<b>1,127,500</b>	<b>0</b>												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2020	22,500	22,500	0												
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 2021	Project Lead	Est. Completion Date											
2014	September 1, 2024	Growth: 0.0 % Maintenance: 0.0 %	Ray Mensour & Jen Knights	2024+`											



# Project Version Summary

<b>Project #</b>	REC-003-07	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Recreation & Culture
<b>Asset Type</b>	Unassigned	<b>Division</b>	Community Centres & Programming
<b>Title</b>	Municipal Pools Refurbishment Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																														
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.				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.																																																																																																																																																																																																																														
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																														
7069034 See Document Attached																																																																																																																																																																																																																																		
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																														
				<table border="1"> <thead> <tr> <th colspan="4">Revenue</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td><b>Year</b></td> <td><b>Total Expense</b></td> <td><b>Net City Cost</b></td> <td><b>Subsidies</b></td> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>2021</td> <td>37,000</td> <td>37,000</td> <td>0</td> <td>5410</td> <td></td> </tr> <tr> <td>2022</td> <td>67,200</td> <td>67,200</td> <td>0</td> <td></td> <td>37,000</td> <td>67,200</td> <td>132,000</td> <td>75,000</td> <td>2,305,201</td> <td>2,610,000</td> <td>0</td> <td>500,000</td> <td>500,000</td> <td>500,000</td> <td>6,726,401</td> </tr> <tr> <td>2023</td> <td>132,000</td> <td>132,000</td> <td>0</td> <td></td> <td>Total</td> <td>37,000</td> <td>67,200</td> <td>132,000</td> <td>75,000</td> <td>2,305,201</td> <td>2,610,000</td> <td>0</td> <td>500,000</td> <td>500,000</td> <td>500,000</td> <td>6,726,401</td> </tr> <tr> <td>2024</td> <td>75,000</td> <td>75,000</td> <td>0</td> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>2025</td> <td>2,305,201</td> <td>2,305,201</td> <td>0</td> <td>125</td> <td></td> <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>94,200</td> </tr> <tr> <td>2026</td> <td>2,610,000</td> <td>2,610,000</td> <td>0</td> <td></td> <td>27,000</td> <td>67,200</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></td> </tr> <tr> <td>2027</td> <td>0</td> <td>0</td> <td>0</td> <td>221</td> <td></td> <td></td> <td>132,000</td> <td>75,000</td> <td>2,305,201</td> <td>2,610,000</td> <td>0</td> <td>500,000</td> <td>500,000</td> <td>500,000</td> <td>6,632,201</td> </tr> <tr> <td>2028</td> <td>500,000</td> <td>500,000</td> <td>0</td> <td></td> <td>10,000</td> <td>0</td> <td>132,000</td> <td>75,000</td> <td>2,305,201</td> <td>2,610,000</td> <td>0</td> <td>500,000</td> <td>500,000</td> <td>500,000</td> <td>6,632,201</td> </tr> <tr> <td>2029</td> <td>500,000</td> <td>500,000</td> <td>0</td> <td></td> <td>Total</td> <td>37,000</td> <td>67,200</td> <td>132,000</td> <td>75,000</td> <td>2,305,201</td> <td>2,610,000</td> <td>0</td> <td>500,000</td> <td>500,000</td> <td>500,000</td> <td>6,726,401</td> </tr> <tr> <td>2030</td> <td>500,000</td> <td>500,000</td> <td>0</td> <td></td> </tr> <tr> <td></td> <td><b>6,726,401</b></td> <td><b>6,726,401</b></td> <td><b>0</b></td> <td></td> </tr> </tbody> </table>													Revenue				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												2021	37,000	37,000	0	5410												2022	67,200	67,200	0		37,000	67,200	132,000	75,000	2,305,201	2,610,000	0	500,000	500,000	500,000	6,726,401	2023	132,000	132,000	0		Total	37,000	67,200	132,000	75,000	2,305,201	2,610,000	0	500,000	500,000	500,000	6,726,401	2024	75,000	75,000	0	<b>Revenues</b>												2025	2,305,201	2,305,201	0	125			0	0	0	0	0	0	0	0	94,200	2026	2,610,000	2,610,000	0		27,000	67,200	0	0	0	0	0	0	0	0		2027	0	0	0	221			132,000	75,000	2,305,201	2,610,000	0	500,000	500,000	500,000	6,632,201	2028	500,000	500,000	0		10,000	0	132,000	75,000	2,305,201	2,610,000	0	500,000	500,000	500,000	6,632,201	2029	500,000	500,000	0		Total	37,000	67,200	132,000	75,000	2,305,201	2,610,000	0	500,000	500,000	500,000	6,726,401	2030	500,000	500,000	0														<b>6,726,401</b>	<b>6,726,401</b>	<b>0</b>												
Revenue				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																			
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>																																																																																																																																																																																																																														
2021	37,000	37,000	0	5410																																																																																																																																																																																																																														
2022	67,200	67,200	0		37,000	67,200	132,000	75,000	2,305,201	2,610,000	0	500,000	500,000	500,000	6,726,401																																																																																																																																																																																																																			
2023	132,000	132,000	0		Total	37,000	67,200	132,000	75,000	2,305,201	2,610,000	0	500,000	500,000	500,000	6,726,401																																																																																																																																																																																																																		
2024	75,000	75,000	0	<b>Revenues</b>																																																																																																																																																																																																																														
2025	2,305,201	2,305,201	0	125			0	0	0	0	0	0	0	0	94,200																																																																																																																																																																																																																			
2026	2,610,000	2,610,000	0		27,000	67,200	0	0	0	0	0	0	0	0																																																																																																																																																																																																																				
2027	0	0	0	221			132,000	75,000	2,305,201	2,610,000	0	500,000	500,000	500,000	6,632,201																																																																																																																																																																																																																			
2028	500,000	500,000	0		10,000	0	132,000	75,000	2,305,201	2,610,000	0	500,000	500,000	500,000	6,632,201																																																																																																																																																																																																																			
2029	500,000	500,000	0		Total	37,000	67,200	132,000	75,000	2,305,201	2,610,000	0	500,000	500,000	500,000	6,726,401																																																																																																																																																																																																																		
2030	500,000	500,000	0																																																																																																																																																																																																																															
	<b>6,726,401</b>	<b>6,726,401</b>	<b>0</b>																																																																																																																																																																																																																															
<b>Historical Approved Budget</b>																																																																																																																																																																																																																																		
				<table border="1"> <thead> <tr> <th colspan="4">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2008</td><td>466,000</td><td>466,000</td><td>0</td></tr> <tr><td>2009</td><td>550,839</td><td>550,839</td><td>0</td></tr> <tr><td>2010</td><td>1,000,000</td><td>1,000,000</td><td>0</td></tr> <tr><td>2011</td><td>1,021,000</td><td>1,021,000</td><td>0</td></tr> <tr><td>2014</td><td>325,000</td><td>325,000</td><td>0</td></tr> <tr><td>2017</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2019</td><td>1,057,000</td><td>1,057,000</td><td>0</td></tr> <tr><td>2020</td><td>433,280</td><td>433,280</td><td>0</td></tr> </tbody> </table>													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	2020	433,280	433,280	0																																																																																																																																																																										
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																																																																																																																																																																																																																															
2020	433,280	433,280	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	No operating budget impact	0	0
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date	
2007	January 2, 2017	Growth: 0.0 % Maintenance: 100.0 %	Ray Mensour/Jen Knights	Ongoing`	

<b>Project #: REC-003-07</b>						
<b>Project Name: Refurbishment of Municipal Pools</b>						
<b>2021</b>						
<b>Outdoor Pools (ATK, CEN, LANS, MM, REM, RVC)</b>			<b>WIATC - Natatorium</b>			
Leadership training equipment (manikin) replacement	12,000			Touch pad replacement (2 @ \$3,000 per pad)	6,000	
Lifeguard chair replacement (6 chairs x \$2,500/chair)	15,000	<b>27,000</b>		Lane rope replacement (5 @ \$800 per 25 m rope)	4,000	<b>10,000</b>
<b>Total</b>						<b>37,000</b>
<b>2022</b>						
<b>Outdoor Pools (ATK, CEN, LANS, MM, REM, RVC)</b>			<b>WIATC - Natatorium</b>			
Lifeguard chair replacement (6 chairs x \$2,500/chair)	15,000			Touch pad replacement (4 @ \$3,000 per pad)	12,000	
Floating creature replacement	12,000	<b>27,000</b>		Lane rope replacement (5 @ \$800 per 25 m rope)	4,000	
				Lane rope replacement (2 @ \$1,600 per 50 m rope)	3,200	
<b>Sandpoint Beach</b>				Diving board replacement (2 @ \$7,000 per board)	14,000	<b>33,200</b>
Paddleboard replacement	2,000	<b>2,000</b>				
<b>Gino and Liz Marcus Indoor Pool</b>						
Lifeguard chair replacement (2 chairs x \$2,500/chair)	5,000	<b>5,000</b>				
<b>Total</b>						<b>67,200</b>
<b>2023</b>						
<b>Outdoor Pools (ATK, CEN, LANS, MM, REM, RVC)</b>			<b>WIATC - Natatorium</b>			
Diving board and stand replacement Remington Booster	20,000	<b>20,000</b>		Touch pad replacement (2 @ \$3,000 per pad)	6,000	
				Lane rope replacement (5 @ \$800 per 25 m rope)	4,000	
<b>Sandpoint Beach</b>				Lane rope replacement (2 @ \$1,600 per 50 m rope)	3,200	<b>13,200</b>
Paddleboard replacement	2,000	<b>2,000</b>				
				<b>WIATC - Adventure Bay</b>		
				Table and chair replacement	20,000	
				Water park signage upgrades/replacement	76,800	<b>96,800</b>
<b>Total</b>						<b>132,000</b>
<b>2024</b>						
<b>Gino and Liz Marcus Indoor Pool</b>			<b>WIATC - Natatorium</b>			
Fitness Centre upgrades	50,000	<b>50,000</b>		Touch pad replacement (2 @ \$3,000 per pad)	6,000	
				Lane rope replacement (5 @ \$800 per 25 m rope)	4,000	
				Lane rope replacement (2 @ \$1,600 per 50 m rope)	3,200	

<b>Project #: REC-003-07</b>						
<b>Project Name: Refurbishment of Municipal Pools</b>						
					Timing system software upgrades	11,800
						<b>25,000</b>
<b>Total</b>						<b>75,000</b>
<b>2025</b>						
<b>Outdoor Pools (ATK, CEN, LANS, MM, REM, RVC)</b>				<b>WIATC - Natatorium</b>		
	Atkinson Pool rebuild	2,000,000	<b>2,000,000</b>		Fitness Centre upgrades	100,000
					Timing system hardware maintenance	25,101
<b>Gino and Liz Marcus Indoor Pool</b>				Scoreboard maintenance		
	Fitness Centre upgrades	50,000	<b>50,000</b>		Touch pad replacement (2 @ \$3,000 per pad)	6,000
					Diving board replacement (2 @ \$8,000 per board)	16,000
					Lane rope replacement (5 @ \$900 per 25 m rope)	4,500
					Lane rope replacement (2 @ \$1,800 per 50 m rope)	3,600
<b>Total</b>						<b>255,201</b>
<b>Total</b>						<b>2,305,201</b>
<b>2026</b>						
<b>Outdoor Pools (ATK, CEN, LANS, MM, REM, RVC)</b>				<b>WIATC - Natatorium</b>		
	Mic Mac pool rebuild	1,935,900			Touch pad replacement (2 @ \$3,000 per pad)	6,000
	Riverside Centennial Pool upgrades (splash pad)	638,000	<b>2,573,900</b>		Lane rope replacement (5 @ \$900 per 25 m rope)	4,500
					Lane rope replacement (2 @ \$1,800 per 25 m rope)	3,600
					Touch pad replacement (2 @ \$3,000 per pad)	6,000
					Diving board replacement (2 @ \$8,000 per board)	16,000
<b>Total</b>						<b>36,100</b>
<b>Total</b>						<b>2,610,000</b>
<b>2028</b>						
<b>Outdoor Pools (ATK, CEN, LANS, MM, REM, RVC)</b>				<b>WIATC - Natatorium</b>		
	Central Pool upgrades (splash pad) - Phase 1	450,000	<b>450,000</b>		Touch pad replacement (2 @ \$4,000 per pad)	8,000
					Diving board replacement (2 @ \$8,000 per board)	16,000
						<b>24,000</b>
				<b>Adie Knox Herman Indoor Pool</b>		
					Lifeguard chair replacement (2 chairs x \$30500/chair)	6,000
					Diving board and stand replacement	20,000
<b>Total</b>						<b>26,000</b>
<b>Total</b>						<b>500,000</b>

<b>Project #: REC-003-07</b>						
<b>Project Name: Refurbishment of Municipal Pools</b>						
<b>2029</b>						
<b>All Pools</b>				<b>Outdoor Pools (ATK, CEN, LANS, MM, REM, RVC)</b>		
Recreation Master Plan Priorities/Asset Mgmnt	300,000	<b>300,000</b>		Central Pool upgrades (splash pad) - Phase 2	200,000	<b>200,000</b>
<b>Total</b>						<b>500,000</b>
<b>2030</b>						
<b>All Pools</b>						
Recreation Master Plan Priorities/Asset Mgmnt	500,000	<b>500,000</b>				
<b>Total</b>						<b>500,000</b>



## Project Version Summary

<b>Project #</b>	REC-004-07	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Recreation & Culture
<b>Asset Type</b>	Unassigned	<b>Division</b>	Community Centres & Programming
<b>Title</b>	Recreation Facility Refurbishment Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b> Ongoing upgrades to facilities and services available in municipal recreation areas. A recent review indicates that the median age of the community centres is approximately 46 years, with 75% of all of our community centres being 25+ years old.	<b>Version Description</b> Recreation Master Plan Priorities
<b>Project Comments/Reference</b> 7069035/7159012	<b>Version Comments</b>

Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	50,000	50,000	0	<b>Expenses</b>												
2022	50,000	50,000	0	5410	Construction Contracts - TCA											
2023	50,000	50,000	0		50,000	50,000	50,000	300,000	50,000	100,000	50,000	300,000	300,000	300,000	1,550,000	
2024	300,000	300,000	0		Total	50,000	50,000	50,000	300,000	50,000	100,000	50,000	300,000	300,000	1,550,000	
2025	50,000	50,000	0	<b>Revenues</b>												
2026	100,000	100,000	0	125	Dev Chg - Indoor Recreation											
2027	50,000	50,000	0		5,000	5,000	5,000	5,000	5,000	94,950	0	0	0	0	119,950	
2028	300,000	300,000	0	221	Service Sustainability Investm											
2029	300,000	300,000	0		45,000	45,000	45,000	295,000	45,000	5,050	50,000	300,000	300,000	300,000	1,430,050	
2030	300,000	300,000	0		Total	50,000	50,000	50,000	300,000	50,000	100,000	50,000	300,000	300,000	1,550,000	
	<b>1,550,000</b>	<b>1,550,000</b>	<b>0</b>													
Historical Approved Budget																
Year	Total Expense	Revenue														
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													
2020	50,000	50,000	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 2021		Project Lead					Est. Completion Date							
2007	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Ray Mensour & Scott Bisson					Ongoing`							



# Project Version Summary

<b>Project #</b>	REC-001-18	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Recreation & Culture
<b>Asset Type</b>	Unassigned	<b>Division</b>	Cultural Affairs
<b>Title</b>	Monument and Memorial Capital Repairs		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7204002				COMMITMENT: CR195/2020 - S 109/2019 - SCM 91/2020 - 2022 F221 \$75,000 - 2023 F221 \$75,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>														
		<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	5410	Construction Contracts - TCA											
2022	75,000	75,000	0		0	75,000	75,000	0	75,000	75,000	75,000	75,000	75,000	75,000	0	525,000
2023	75,000	75,000	0		Total	0	75,000	75,000	0	75,000	75,000	75,000	75,000	75,000	0	525,000
2024	0	0	0	<b>Revenues</b>												
2025	75,000	75,000	0	221	Service Sustainability Investm											
2026	75,000	75,000	0		0	0	0	0	75,000	75,000	75,000	75,000	75,000	75,000	0	375,000
2027	75,000	75,000	0	221CF	Committed Funding											
2028	75,000	75,000	0		0	75,000	75,000	0	0	0	0	0	0	0	0	150,000
2029	75,000	75,000	0		Total	0	75,000	75,000	0	75,000	75,000	75,000	75,000	75,000	0	525,000
2030	0	0	0													
	<b>525,000</b>	<b>525,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
<b>Related Projects</b>																
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2018	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Cathy Masterson					Ongoing							



# Project Version Summary

<b>Project #</b>	ENG-033-17	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Recreation & Culture
<b>Asset Type</b>	Unassigned	<b>Division</b>	Recreation Facilities
<b>Title</b>	Feasibility Study - WFCU Arena		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 6		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
As per the approved 2017 Enhanced Capital Budget 5-year plan.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7171074				COMMITMENT: CR201/2017 - C 49/2017 - 2021 F169 \$90,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	90,000	90,000	0	5410 Construction Contracts - TCA												
2022	0	0	0	90,000 0 0 0 0 0 0 0 0 0 0 0 0 90,000												
2023	0	0	0	Total 90,000 0 0 0 0 0 0 0 0 0 0 0 0 90,000												
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169 Pay As You Go - Capital Reserve												
2026	0	0	0	0 0 0 0 0 0 0 0 0 0 0 0 0												
2027	0	0	0	169CF Committed Funding												
2028	0	0	0	90,000 0 0 0 0 0 0 0 0 0 0 0 0 90,000												
2029	0	0	0	Total 90,000 0 0 0 0 0 0 0 0 0 0 0 0 90,000												
2030	0	0	0													
<b>90,000</b>				<b>90,000</b>				<b>0</b>								
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2017	January 23, 2017	Growth: 100.0 % Maintenance: 0.0 %		Ray Mensour					TBD`							



# Project Version Summary

<b>Project #</b>	REC-002-07	<b>Service Area</b>	Office of Parks, Rec., Culture & Facilities
<b>Budget Year</b>	2021	<b>Department</b>	Recreation & Culture
<b>Asset Type</b>	Unassigned	<b>Division</b>	Recreation Facilities
<b>Title</b>	Lakeview Park Marina Rehabilitation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 6, Ward 7		
<b>Version Name</b>	Main (Active)		

Project Description				Version Description													
Replacement of the docks at Lakeview Park Marina to floating docks along with ongoing maintenance and structural repairs.				Specific work identified at this time is as follows: -Replacement of the docks to floating docks -Ongoing maintenance and general structural repairs -Lighthouse repairs & painting -Dredging -New pumpout system													
Project Comments/Reference				Version Comments													
7171033 7061146/7161014 (Closed)				COMMITMENTS: CR276/2019 - C 98/2019 - 2021 F221 \$2,071,240 - 2022 F221 \$50,000 - 2022 F221 \$310,114 - 2023 F221 \$50,000 CR553/2019 - C 187/2019 - 2023 F221 \$900,000 - CR approved \$2,000,000 with the remaining balance of \$682,000 less the \$100,000 deductible to be funded firstly from proceeds resulting from an insurance claim with any deficit to be funded from F165 and any financing charges to be funded from 7145005 with CAO approval. CR126/2020 - C 58/2020 - Approved an additional \$480,000 to first come from proceeds resulting from a pending insurance claim, and any shortfall be funded from F165.													
Project Forecast				Project Detailed Forecast													
Revenue				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total		
Year	Total Expense	Net City Cost	Subsidies	Expenses													
2021	2,651,240	2,171,240	480,000	5410	Construction Contracts - TCA												
2022	360,114	360,114	0		2,651,240	360,114	950,000	50,000	50,000	34,000	34,000	275,000	275,000	275,000	4,954,354		
2023	950,000	950,000	0		Total	2,651,240	360,114	950,000	50,000	50,000	34,000	34,000	275,000	275,000	4,954,354		
2024	50,000	50,000	0			0											
2025	50,000	50,000	0		Revenues												
2026	34,000	34,000	0	165	Lakeview Park Marina												
2027	34,000	34,000	0		100,000	0	0	50,000	50,000	0	0	0	0	0	200,000		
2028	275,000	275,000	0	221	Service Sustainability Investm												
2029	275,000	275,000	0		0	0	0	0	0	34,000	34,000	275,000	275,000	275,000	893,000		
2030	275,000	275,000	0	221CF	Committed Funding												
	<b>4,954,354</b>	<b>4,474,354</b>	<b>480,000</b>		2,071,240	360,114	950,000	0	0	0	0	0	0	0	3,381,354		
				6990	Other General Revenue												
					480,000	0	0	0	0	0	0	0	0	0	480,000		
					Total	2,651,240	360,114	950,000	50,000	50,000	34,000	34,000	275,000	275,000	4,954,354		
						0											
Historical Approved Budget																	
Revenue																	
Year	Total Expense	Net City Cost	Subsidies														
2012	60,000	60,000	0														
2017	100,000	100,000	0														
2018	50,000	50,000	0														
2019	180,000	180,000	0														
2020	1,393,646	811,646	582,000														

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
			Effective Date	Description	0	0
			Unknown	No operating budget impact.		
2007	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %	Ray Mensour/Tom Graziano	Ongoing`		

# **2021 Approved Capital Budget**



## **SECTION D:**

### **Capital Project Summaries**

**Office of the Chief Administrative Officer**



# Project Version Summary

<b>Project #</b>	CAO-001-16	<b>Service Area</b>	Office of the CAO
<b>Budget Year</b>	2021	<b>Department</b>	CAO's Office
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - CAO's Office
<b>Title</b>	Paul Martin Bldg. Placeholder		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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.	

<b>Project Comments/Reference</b>	<b>Version Comments</b>
	<p>PLACEHOLDER:            B8/2019 - C226/2019 - 2020 F169 \$3,695,616 - 2021 F169 \$500,000 - 2022 F169 \$1,750,000 - 2023 F169 \$1,926,540 - 2024 F169 \$917,540 - 2025 F169 \$4,610,304 - 2025 F160 \$550,000.            CR317/2020 approved the transfer of \$1,050,000 in 2025 to PFO-001-21 - Waterfront Celestial Beacon - Home to Street Car 51</p> <p>B6/2021, C 14/2021- \$1,000,000 in 2022 &amp; \$1,000,000 in 2023 removed as placeholder funding and reallocated to Windsor Works(MAY-001-19).            -\$3,695,616 in 2020 deducted as placeholder funding and reallocated to the following projects: \$3,400,000 for WFCU Roadway(ENG-003-21), \$200,000 for CoW Anti-Racism Initiative(MAY-001-21) &amp; \$95,616 for Roseland / Little River Golf Courses Asset Replacements / Improvements (RGC-001-18)</p> <p>Note: CR529/2019 - ICIP-CCR Grant application was unsuccessful and funding was returned to the original funding source.</p>

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	500,000	500,000	0	5410	Construction Contracts - TCA											
2022	750,000	750,000	0		500,000	750,000	926,540	917,540	5,160,304	0	0	0	0	0	8,254,384	
2023	926,540	926,540	0		Total											8,254,384
2024	917,540	917,540	0	<b>Revenues</b>												
2025	5,160,304	5,160,304	0	160	Capital Expenditure Reserve											
2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
2027	0	0	0	160CF	Committed Funding											
2028	0	0	0		0	0	0	0	550,000	0	0	0	0	0	550,000	
2029	0	0	0	169	Pay As You Go - Capital Reserve											
2030	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
	<b>8,254,384</b>	<b>8,254,384</b>	<b>0</b>	169CF	Committed Funding											
					500,000	750,000	926,540	917,540	4,610,304	0	0	0	0	0	7,704,384	
					Total											8,254,384

<b>Historical Approved Budget</b>									
<b>Related Projects</b>	<b>Operating Budget Impact</b>								
	<table border="1"> <tr> <td><b>Effective Date</b></td> <td><b>Description</b></td> <td><b>Exp/(Rev)</b></td> <td><b>FTE Impact</b></td> </tr> <tr> <td>Unknown</td> <td>No Operating Budget Impact</td> <td>0</td> <td>0</td> </tr> </table>	<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>	Unknown	No Operating Budget Impact	0	0
<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>						
Unknown	No Operating Budget Impact	0	0						

Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2016	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %	Onorio Colucci	2025`



# Project Version Summary

<b>Project #</b>	CAO-002-18	<b>Service Area</b>	Office of the CAO
<b>Budget Year</b>	2021	<b>Department</b>	CAO's Office
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - CAO's Office
<b>Title</b>	New Windsor-Essex Hospital System Plan		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Contribution to the reserve fund for the municipality's share of the new Windsor-Essex Hospital System Plan.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
				PLACEHOLDER: CR282/2016 - 18193 - Council Approved in the Capital Budget to earmark funding as 2023-2027 F169 \$6.9m - 2028 F169 \$6.2m												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	4250	TRANSFER to Reserve Fund											
2022	0	0	0		0	0	6,900,000	6,900,000	6,900,000	6,900,000	6,900,000	6,200,000	0	0	40,700,000	
2023	6,900,000	6,900,000	0	Total	0	0	6,900,000	6,900,000	6,900,000	6,900,000	6,900,000	6,200,000	0	0	40,700,000	
2024	6,900,000	6,900,000	0	<b>Revenues</b>												
2025	6,900,000	6,900,000	0	169	Pay As You Go - Capital Reserve											
2026	6,900,000	6,900,000	0		0	0	0	0	0	0	0	0	0	0	0	
2027	6,900,000	6,900,000	0	169CF	Committed Funding											
2028	6,200,000	6,200,000	0		0	0	6,900,000	6,900,000	6,900,000	6,900,000	6,900,000	6,200,000	0	0	40,700,000	
2029	0	0	0	Total	0	0	6,900,000	6,900,000	6,900,000	6,900,000	6,900,000	6,200,000	0	0	40,700,000	
2030	0	0	0													
<b>40,700,000</b>				<b>40,700,000</b>												
<b>0</b>																
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2018	January 1, 2023	Growth: 0.0 % Maintenance: 0.0 %	TBD	2028`												

# **2021 Approved Capital Budget**



## **SECTION D:**

### **Capital Project Summaries**

**Office of the Chief Financial Officer**



## Project Version Summary

<b>Project #</b>	FIN-006-16	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Finance
<b>Title</b>	(Legislated) Liability for Contaminated Sites		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	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												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	0	0	0	<b>Expenses</b>												
2022	100,000	100,000	0	5410	Construction Contracts - TCA										100,000	
2023	0	0	0		0	100,000	0	0	0	0	0	0	0	0	100,000	
2024	0	0	0	Total	0	100,000	0	0	0	0	0	0	0	0	100,000	
2025	0	0	0	<b>Revenues</b>												
2026	0	0	0	169	Pay As You Go - Capital Reserve										100,000	
2027	0	0	0		0	100,000	0	0	0	0	0	0	0	0	100,000	
2028	0	0	0	Total	0	100,000	0	0	0	0	0	0	0	0	100,000	
2029	0	0	0													
2030	0	0	0													
	<b>100,000</b>	<b>100,000</b>	<b>0</b>													
Historical Approved Budget																
Year	Total Expense	Revenue														
		Net City Cost	Subsidies													
2016	200,000	200,000	0													
Related Projects				Operating Budget Impact												
				Effective Date	Description								Exp/(Rev)	FTE Impact		
				Unknown	The PSAB standard (not necessarily the project) may have an operating impact – TBD								0	0		
Year Identified	Start Date	Project Type for 2021		Project Lead					Est. Completion Date							
2016	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %		Dan Seguin					Ongoing`							



# Project Version Summary

<b>Project #</b>	FIN-009-15	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Finance
<b>Title</b>	Capital Reserve Replenishment Allocation		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Capital Reserve Replenishment		
<b>Wards</b>	City Wide		
<b>Version Name</b>	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												
				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Revenue	Subsidies													
		Net City Cost														
2021	3,450,000	3,450,000	0													
2022	3,170,000	3,170,000	0													
2023	3,170,000	3,170,000	0													
2024	3,170,000	3,170,000	0													
2025	3,170,000	3,170,000	0													
2026	3,170,000	3,170,000	0													
2027	3,170,000	3,170,000	0													
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>22,470,000</b>	<b>22,470,000</b>	<b>0</b>													
Historical Approved Budget																
Year	Total Expense	Revenue	Subsidies													
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													
2020	3,210,000	3,210,000	0													

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2015	January 1, 2016	Growth: 100.0 % Maintenance: 0.0 %	Victor Ferranti	2023`	0	0
					0	0



# Project Version Summary

<b>Project #</b>	ECB-044-18	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Asset Planning
<b>Title</b>	Financing Charges		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7145005				COMMITMENT: CR4/2019 - C 217/2018 - 2023 F169 \$75,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	4530 Temporary Financing Costs												
2022	0	0	0	0 0 75,000 0 0 0 0 0 0 0 0 0 0 75,000												
2023	75,000	75,000	0	Total 0 0 75,000 0 0 0 0 0 0 0 0 0 0 75,000												
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169CF Committed Funding												
2026	0	0	0	0 0 75,000 0 0 0 0 0 0 0 0 0 0 75,000												
2027	0	0	0	Total 0 0 75,000 0 0 0 0 0 0 0 0 0 0 75,000												
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
<b>75,000</b>				<b>75,000</b>												
<b>0</b>				<b>0</b>												
<b>Historical Approved Budget</b>																
				<b>Revenue</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2018	20,000	20,000	0													
2020	64,000	64,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>					<b>Est. Completion Date</b>								
2018	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Victor Ferranti					TBD`								



# Project Version Summary

<b>Project #</b>	FIN-001-15	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Asset Planning
<b>Title</b>	Sub-Metering - Energy Cost Savings Initiative		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
<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 &amp; 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"> <li>- Identification of unnecessary equipment running at night, off shift or during weekends.</li> <li>- Ability to transmit information back to operators and facility managers the same day and provide operators with feedback the next day about implemented changes.</li> <li>- Comparison and benchmarking of usage across similar facilities and over time.</li> <li>- Detection of utility bill errors by comparing sub-meter usage with actual utility bill.</li> <li>- Better management of electricity usage when the facility faces demand limits or peak usage pricing.</li> </ul> <p>The IESO (Independent Electricity System Operator) provides incentives for these type of projects in the amount of approximately \$20,000.</p>

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7211039	

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	150,000	150,000	0	5410 Construction Contracts - TCA												
2022	0	0	0	150,000	0	0	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	0	150,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169 Pay As You Go - Capital Reserve												
2026	0	0	0	150,000	0	0	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	0	150,000	
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>150,000</b>	<b>150,000</b>	<b>0</b>													

<b>Historical Approved Budget</b>	
-----------------------------------	--

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2015	July 1, 2020	Growth: 100.0 % Maintenance: 0.0 %	Sergio Grando/Sokol Aliko/Cole Nadalin	2021`	0	0
					0	0



# Project Version Summary

<b>Project #</b>	FIN-001-17	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Asset Planning
<b>Title</b>	Asset Planning Service Design and Implementation		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7131117	

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	2915 Consulting Services - External												
2022	0	0	0		0	0	0	0	0	0	250,000	150,000	400,000	150,000	950,000	
2023	0	0	0	Total	0	0	0	0	0	0	250,000	150,000	400,000	150,000	950,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169 Pay As You Go - Capital Reserve												
2026	0	0	0		0	0	0	0	0	0	250,000	150,000	400,000	150,000	950,000	
2027	250,000	250,000	0	Total	0	0	0	0	0	0	250,000	150,000	400,000	150,000	950,000	
2028	150,000	150,000	0													
2029	400,000	400,000	0													
2030	150,000	150,000	0													
	<b>950,000</b>	<b>950,000</b>	<b>0</b>													

<b>Historical Approved Budget</b>			
		<b>Revenue</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>
2017	110,000	110,000	0
2020	547,000	547,000	0

<b>Related Projects</b>			<b>Operating Budget Impact</b>		

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2017	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %	Melissa Osborne	Ongoing



# Project Version Summary

<b>Project #</b>	FIN-001-19	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Asset Planning
<b>Title</b>	Grant Matching Funding and Mitigating Inflationary Pressures		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Project funding recommended to address capital project inflationary pressures.				This funding will assist with addressing 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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7191009																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>													
		<b>Net City Cost</b>														
2021	1,087,751	1,087,751	0													
2022	1,287,751	1,287,751	0													
2023	1,037,751	1,037,751	0													
2024	1,237,751	1,237,751	0													
2025	1,287,751	1,287,751	0													
2026	2,237,751	2,237,751	0													
2027	2,750,000	2,750,000	0													
2028	1,000,000	1,000,000	0													
2029	2,675,616	2,675,616	0													
2030	1,475,000	1,475,000	0													
	<b>16,077,122</b>	<b>16,077,122</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>													
		<b>Net City Cost</b>														
2019	215,000	215,000	0													
2020	1,176,000	1,176,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>					<b>Est. Completion Date</b>								
2019	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %	Melissa Osborne					Ongoing`								



# Project Version Summary

<b>Project #</b>	FIN-004-15	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Asset Planning
<b>Title</b>	400 City Hall Square Energy Efficiency Upgrades		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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".																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7211038																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	100,000	100,000	0	2915 Consulting Services - External												
2022	0	0	0	100,000	0	0	0	0	0	0	0	0	0	0	100,000	
2023	0	0	0	Total	100,000	0	0	0	0	0	0	0	0	0	100,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169 Pay As You Go - Capital Reserve												
2026	0	0	0	100,000	0	0	0	0	0	0	0	0	0	0	100,000	
2027	0	0	0	Total	100,000	0	0	0	0	0	0	0	0	0	100,000	
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>100,000</b>	<b>100,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>									<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				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	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2015	July 1, 2021	Growth: 100.0 % Maintenance: 0.0 %		Sergio Grando/Sokol Aliko					2021`							



## Project Version Summary

<b>Project #</b>	FIN-004-18	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Asset Planning
<b>Title</b>	Enterprise Wide Energy Management System Software		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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.</p> <p>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.</p> <p>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.</p>	
Project Comments/Reference	Version Comments

Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	0	0	0	<b>Expenses</b>												
2022	0	0	0	5410	Construction Contracts - TCA											
2023	0	0	0		0	0	0	0	0	0	0	0	0	300,000	300,000	
2024	0	0	0	Total	0	0	0	0	0	0	0	0	0	300,000	300,000	
2025	0	0	0	<b>Revenues</b>												
2026	0	0	0	169	Pay As You Go - Capital Reserve											
2027	0	0	0		0	0	0	0	0	0	0	0	0	300,000	300,000	
2028	0	0	0	Total	0	0	0	0	0	0	0	0	0	300,000	300,000	
2029	0	0	0													
2030	300,000	300,000	0													
<b>300,000</b>		<b>300,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				2022-01-01	Ongoing Maintenance								25,000	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2018	October 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Sergio Grando/Cole Nadalin					Fall 2022							



# Project Version Summary

<b>Project #</b>	FIN-007-15	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Asset Planning
<b>Title</b>	Huron Lodge Energy Efficiency Initiatives - LED/Sub-Metering/HVAC Upgrades		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7211040																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		Revenue		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	50,000	50,000	0	5410	Construction Contracts - TCA											
2022	0	0	0		50,000	0	0	0	0	0	0	0	0	0	50,000	
2023	0	0	0		Total	50,000	0	0	0	0	0	0	0	0	50,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		50,000	0	0	0	0	0	0	0	0	0	50,000	
2027	0	0	0		Total	50,000	0	0	0	0	0	0	0	0	50,000	
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>50,000</b>	<b>50,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	Preliminary studies have shown that recommissioning of the facility would reduce the consumption by up to 5% Energy Savings.								0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2015	July 1, 2021	Growth: 100.0 % Maintenance: 0.0 %		Sergio Grando/Sokol Aliko					2021`							



## Project Version Summary

<b>Project #</b>	FIN-001-20	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Financial Accounting and Corporate Controls
<b>Title</b>	Accounts Payable Business Process Review		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>	
Project Comments/Reference	Version Comments
7202005	

Project Forecast				Project Detailed Forecast											
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
		Net City Cost	Subsidies												
2021	160,000	160,000	0	<b>Expenses</b>											
2022	0	0	0	2915	Consulting Services - External										
2023	0	0	0		160,000	0	0	0	0	0	0	0	0	0	160,000
2024	0	0	0	Total	160,000	0	0	0	0	0	0	0	0	0	160,000
2025	0	0	0	<b>Revenues</b>											
2026	0	0	0	169	Pay As You Go - Capital Reserve										
2027	0	0	0		160,000	0	0	0	0	0	0	0	0	0	160,000
2028	0	0	0	Total	160,000	0	0	0	0	0	0	0	0	0	160,000
2029	0	0	0												
2030	0	0	0												
	<b>160,000</b>	<b>160,000</b>	<b>0</b>												
Historical Approved Budget															
Year	Total Expense	Revenue													
		Net City Cost	Subsidies												
2020	90,000	90,000	0												
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 2021	Project Lead	Est. Completion Date											
2020	January 1, 2020	Growth: 100.0 % Maintenance: 0.0 %	Dan Seguin	December 31, 2022											



# Project Version Summary

<b>Project #</b>	FIN-001-14	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Financial Planning
<b>Title</b>	Development Charges Study and Bylaw Update		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
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.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
(Closed: 7142002)/7183004															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
<b>Revenue</b>															
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>											
2021	0	0	0	5410	Construction Contracts - TCA										
2022	0	0	0		0	0	0	50,000	50,000	0	0	0	60,000	60,000	220,000
2023	0	0	0		Total	0	0	0	50,000	50,000	0	0	60,000	60,000	220,000
2024	50,000	50,000	0	<b>Revenues</b>											
2025	50,000	50,000	0	121	Dev Chg - General										
2026	0	0	0		0	0	0	45,000	45,000	0	0	0	54,000	54,000	198,000
2027	0	0	0	169	Pay As You Go - Capital Reserve										
2028	0	0	0		0	0	0	5,000	5,000	0	0	0	6,000	6,000	22,000
2029	60,000	60,000	0		Total	0	0	0	50,000	50,000	0	0	60,000	60,000	220,000
2030	60,000	60,000	0												
	<b>220,000</b>	<b>220,000</b>	<b>0</b>												
<b>Historical Approved Budget</b>															
				<b>Revenue</b>											
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>												
2014	40,000	40,000	0												
2015	40,000	40,000	0												
2018	120,000	120,000	0												
2019	40,000	40,000	0												
2020	40,000	40,000	0												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>	<b>Description</b>							<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact							0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>											
2016	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Tony Ardovini	December 31, 2020`											



## Project Version Summary

<b>Project #</b>	FIN-002-21	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Taxation, Treasury & Financial Projects
<b>Title</b>	Corporate PCI (Payment Card Industry) Compliance		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>Corporate PCI (Payment Card Industry) Compliance Project</p> <p>Because the City of Windsor accepts credit card payments for most services, it must comply with the regulations of the Payment Card Industry (PCI), which is a council comprised of the major credit card companies. Those regulations consist of technical and operational requirements, and they apply globally to all merchants and organizations that store, process, or transmit credit card data. Once PCI compliance is achieved, it must be maintained. Failure to be compliant can result in investigations, penalties, increased credit card fees, decreased public confidence, and the loss of the ability to process credit card transactions.</p>	<p>A \$50,000 budget was previously approved (Project ID 7181045 Qualified Security Assessor) for the Corporate PCI Compliance project. That budget was allocated to the hiring of the MNP LLP consulting firm (hereinafter referred to as "MNP") to conduct an assessment of the Corporation's credit card technology and processes. MNP's initial work was conducted in July 2019. As part of that exercise, MNP provided a report outlining the scope of the City's credit card environment, the Corporation's current level of PCI compliance, and the required remediation measures. Once the City completes the identified remediation work as well as the associated PCI Self-Assessment Questionnaire(s) (SAQ(s)), MNP will complete their final work by validating the SAQ(s).</p> <p>After reviewing the above-noted MNP report, Information Technology department staff researched the costs of possible technology solutions that will satisfy the PCI requirements. Some of those options need to be reviewed further with MNP for appropriateness. As indicated above, the original \$50,000 only addresses MNP's scoping and assessment work; it does not include the expenses of the remediation efforts or of any additional consultations with MNP regarding those efforts. Consequently, additional Capital Budget funding is needed. Until direction is received from MNP regarding the remediation work, this Capital Budget request of \$280,000 is only for a part of the entire Corporate PCI Compliance project's remediation work, and this amount addresses the following items:</p> <p>ITEM: &amp; ESTIMATED IMPLEMENTATION (i.e. ONE-TIME) OR FIRST YEAR COST:</p> <ul style="list-style-type: none"> <li>Quarterly vulnerability scans \$40,000</li> <li>Annual penetration test \$15,000</li> <li>VoIP system enhancements \$165,000</li> <li>Internal PCI expertise (e.g. training, certification) \$20,000</li> <li>MNP time bank of consulting hours (60 hours @ \$250/hour) \$15,000</li> <li>Subtotal \$255,000</li> <li>Contingency (~10%) \$25,000</li> <li>Total \$280,000</li> </ul>
<p><b>Project Comments/Reference</b></p> <p>7211036</p>	<p><b>Version Comments</b></p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	280,000	280,000	0	5110	Machinery & Equipment - TCA										
2022	0	0	0		280,000	0	0	0	0	0	0	0	0	0	280,000
2023	0	0	0		Total	280,000	0	0	0	0	0	0	0	0	280,000
2024	0	0	0	Revenues											
2025	0	0	0	169	Pay As You Go - Capital Reserve										
2026	0	0	0		280,000	0	0	0	0	0	0	0	0	0	280,000
2027	0	0	0		Total	280,000	0	0	0	0	0	0	0	0	280,000
2028	0	0	0												
2029	0	0	0												
2030	0	0	0												
	<b>280,000</b>	<b>280,000</b>	<b>0</b>												
Historical Approved Budget															
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2021		Project Lead					Est. Completion Date						
2021	January 1, 2021	Growth: 100.0 % Maintenance: 0.0 %		Janice Guthrie					December 2021`						



## Project Version Summary

<b>Project #</b>	ITC-001-08	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Info. Tech.
<b>Title</b>	Information Technology Business Continuity Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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.</p> <p>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.</p> <p>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.</p>	<p>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.</p> <p>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 (Corporate Data &amp; Network Security Initiatives) to address these areas as they are identified.</p> <p>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.</p>
Project Comments/Reference	Version Comments
7209005	

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	100,000	100,000	0	5410	Construction Contracts - TCA											
2022	200,000	200,000	0		100,000	200,000	150,000	150,000	100,000	0	0	75,000	50,000	50,000	875,000	
2023	150,000	150,000	0		Total	100,000	200,000	150,000	150,000	100,000	0	0	75,000	50,000	50,000	875,000
2024	150,000	150,000	0	Revenues												
2025	100,000	100,000	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		50,000	100,000	75,000	75,000	50,000	0	0	25,000	25,000	25,000	425,000	
2027	0	0	0	221	Service Sustainability Investm											
2028	75,000	75,000	0		50,000	100,000	75,000	75,000	50,000	0	0	50,000	25,000	25,000	450,000	
2029	50,000	50,000	0		Total	100,000	200,000	150,000	150,000	100,000	0	0	75,000	50,000	50,000	875,000
2030	50,000	50,000	0													
<b>875,000</b>		<b>875,000</b>	<b>0</b>													
Historical Approved Budget																
		Revenue														
Year	Total Expense	Net City Cost	Subsidies													
2020	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 2021	Project Lead	Est. Completion Date												
2008	January 1, 2020	Growth: 50.0 % Maintenance: 50.0 %	Norm Synnott	Ongoing`												



# Project Version Summary

<b>Project #</b>	ITC-001-10	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Info. Tech.
<b>Title</b>	Smart Community Initiative		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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, improve the citizen's online experience and improve access to public information through open data.  2021-2024: Citizen self-service initiatives; Digital City Services; Improved open data and transparency initiatives.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7009015																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	96,400	96,400	0													
2022	200,000	200,000	0													
2023	200,000	200,000	0													
2024	200,000	200,000	0													
2025	200,000	200,000	0													
2026	200,000	200,000	0													
2027	200,000	200,000	0													
2028	50,000	50,000	0													
2029	50,000	50,000	0													
2030	50,000	50,000	0													
<b>1,446,400</b>		<b>1,446,400</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2019	136,400	136,400	0													
2020	136,400	136,400	0													

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2010	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %	Trevor Bennet	Ongoing`	0	0



## Project Version Summary

<b>Project #</b>	ITC-001-13	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Info. Tech.
<b>Title</b>	Corporate Integration of Mobile Technologies		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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.</p> <p>Two factors are driving this future investment requirement:</p> <ol style="list-style-type: none"> <li>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.</li> <li>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.</li> </ol>	<p>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.</p>
Project Comments/Reference	Version Comments
7199003	

Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	375,000	375,000	0	<b>Expenses</b>												
2022	0	0	0	5411	Construction Contracts-Non TCA											
2023	300,000	300,000	0		375,000	0	300,000	0	0	0	625,000	50,000	50,000	50,000	1,450,000	
2024	0	0	0		Total	375,000	0	300,000	0	0	0	625,000	50,000	50,000	50,000	1,450,000
2025	0	0	0	<b>Revenues</b>												
2026	0	0	0	169	Pay As You Go - Capital Reserve											
2027	625,000	625,000	0		375,000	0	300,000	0	0	0	625,000	50,000	50,000	50,000	1,450,000	
2028	50,000	50,000	0		Total	375,000	0	300,000	0	0	0	625,000	50,000	50,000	50,000	1,450,000
2029	50,000	50,000	0													
2030	50,000	50,000	0													
	<b>1,450,000</b>	<b>1,450,000</b>	<b>0</b>													
Historical Approved Budget																
Year	Total Expense	Revenue														
		Net City Cost	Subsidies													
2019	500,000	500,000	0													
Related Projects				Operating Budget Impact												
				Effective Date	Description								Exp/(Rev)	FTE Impact		
				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.								0	0		
Year Identified	Start Date	Project Type for 2021		Project Lead					Est. Completion Date							
2013	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %		Norm Synnott					Ongoing`							



# Project Version Summary

<b>Project #</b>	ITC-003-19	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Info. Tech.
<b>Title</b>	Southwest Integrated Fibre Technology (SWIFT) Network		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7193001	COMMITMENT: CR553/2017 - C 147/2017 and B8/2019 - C 226/2018 - 2021 F160 \$63,600

<b>Project Forecast</b>	<b>Project Detailed Forecast</b>																																																																																																																																																																																																																													
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th colspan="10"></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="4"></td> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>2021</td> <td>63,600</td> <td>63,600</td> <td>0</td> <td>5411 Construction Contracts-Non TCA</td> <td></td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>63,600</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>0</td> <td>63,600</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> <td>Total</td> <td>63,600</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>0</td> <td>63,600</td> </tr> <tr> <td>2024</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>2025</td> <td>0</td> <td>0</td> <td>0</td> <td>160 Capital Expenditure Reserve</td> <td></td> </tr> <tr> <td>2026</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> </tr> <tr> <td>2027</td> <td>0</td> <td>0</td> <td>0</td> <td>160CF Committed Funding</td> <td></td> </tr> <tr> <td>2028</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>63,600</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>0</td> <td>63,600</td> </tr> <tr> <td>2029</td> <td>0</td> <td>0</td> <td>0</td> <td>Total</td> <td>63,600</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>0</td> <td>63,600</td> </tr> <tr> <td>2030</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td colspan="2"><b>63,600</b></td> <td><b>63,600</b></td> <td><b>0</b></td> <td colspan="12"></td> </tr> </tbody> </table>			Revenue												Year	Total Expense	Net City Cost	Subsidies	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total					<b>Expenses</b>												2021	63,600	63,600	0	5411 Construction Contracts-Non TCA												2022	0	0	0		63,600	0	0	0	0	0	0	0	0	0	63,600	2023	0	0	0	Total	63,600	0	0	0	0	0	0	0	0	0	63,600	2024	0	0	0	<b>Revenues</b>												2025	0	0	0	160 Capital Expenditure Reserve												2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0	2027	0	0	0	160CF Committed Funding												2028	0	0	0		63,600	0	0	0	0	0	0	0	0	0	63,600	2029	0	0	0	Total	63,600	0	0	0	0	0	0	0	0	0	63,600	2030	0	0	0													<b>63,600</b>		<b>63,600</b>	<b>0</b>												
		Revenue																																																																																																																																																																																																																												
Year	Total Expense	Net City Cost	Subsidies	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																															
				<b>Expenses</b>																																																																																																																																																																																																																										
2021	63,600	63,600	0	5411 Construction Contracts-Non TCA																																																																																																																																																																																																																										
2022	0	0	0		63,600	0	0	0	0	0	0	0	0	0	63,600																																																																																																																																																																																																															
2023	0	0	0	Total	63,600	0	0	0	0	0	0	0	0	0	63,600																																																																																																																																																																																																															
2024	0	0	0	<b>Revenues</b>																																																																																																																																																																																																																										
2025	0	0	0	160 Capital Expenditure Reserve																																																																																																																																																																																																																										
2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																															
2027	0	0	0	160CF Committed Funding																																																																																																																																																																																																																										
2028	0	0	0		63,600	0	0	0	0	0	0	0	0	0	63,600																																																																																																																																																																																																															
2029	0	0	0	Total	63,600	0	0	0	0	0	0	0	0	0	63,600																																																																																																																																																																																																															
2030	0	0	0																																																																																																																																																																																																																											
<b>63,600</b>		<b>63,600</b>	<b>0</b>																																																																																																																																																																																																																											

<b>Historical Approved Budget</b>	<b>Operating Budget Impact</b>																																																														
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th colspan="10"></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th colspan="12"></th> </tr> </thead> <tbody> <tr> <td>2019</td> <td>63,600</td> <td>63,600</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td>2020</td> <td>63,600</td> <td>63,600</td> <td>0</td> <td colspan="12"></td> </tr> </tbody> </table>			Revenue												Year	Total Expense	Net City Cost	Subsidies													2019	63,600	63,600	0													2020	63,600	63,600	0													
		Revenue																																																													
Year	Total Expense	Net City Cost	Subsidies																																																												
2019	63,600	63,600	0																																																												
2020	63,600	63,600	0																																																												

<b>Related Projects</b>	<b>Operating Budget Impact</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
------------------------	-------------------	------------------------------	---------------------	-----------------------------

2019	April 1, 2019	Growth: 100.0 % Maintenance: 0.0 %	Norm Synnott	2021`
------	---------------	------------------------------------	--------------	-------



## Project Version Summary

<b>Project #</b>	ITC-007-07	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Info. Tech.
<b>Title</b>	Corporate Intranet Redesign & Internet Accessibility Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	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											
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
		Net City Cost	Subsidies												
2021	0	0	0	<b>Expenses</b>											
2022	850,000	850,000	0	5411	Construction Contracts-Non TCA										
2023	0	0	0		0	850,000	0	0	850,000	0	0	150,000	125,000	150,000	2,125,000
2024	0	0	0		<b>Total</b>										
2025	850,000	850,000	0		0	850,000	0	0	850,000	0	0	150,000	125,000	150,000	2,125,000
2026	0	0	0	<b>Revenues</b>											
2027	0	0	0	169	Pay As You Go - Capital Reserve										
2028	150,000	150,000	0		0	425,000	0	0	425,000	0	0	75,000	75,000	100,000	1,100,000
2029	125,000	125,000	0		<b>Total</b>										
2030	150,000	150,000	0	221	Service Sustainability Investm										
					0	425,000	0	0	425,000	0	0	75,000	50,000	50,000	1,025,000
	<b>2,125,000</b>	<b>2,125,000</b>	<b>0</b>		0	850,000	0	0	850,000	0	0	150,000	125,000	150,000	2,125,000
<b>Historical Approved Budget</b>															
Year	Total Expense	Revenue													
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												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>	<b>Description</b>							<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact							0	0		
Year Identified	Start Date	Project Type for 2021		Project Lead				Est. Completion Date							
2007	January 1, 2007	Growth: 0.0 % Maintenance: 0.0 %		Norm Synnott				Ongoing`							



# Project Version Summary

<b>Project #</b>	ITC-001-12	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Business Process Modernization
<b>Title</b>	Fire and Rescue Records Management and Computer Aided Dispatch System Initiatives		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	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.

**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 is the deployment of the fire RMS and is implemented in two stages. Stage 1 focuses on the needs of Personnel, Property, Incidents, Apparatus, Quarter Master, and Training. Stage 2 addresses the remaining modules of a fire RMS, including inspections. 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. As of August 31, 2020, \$256,000 has been used with projected year end project expenses expected to be \$366,842 from the total funding available for use from 2021 to fund Phase 1.
- Phase 2 would begin in 2026+ with the modernization of dispatch and all related processes and technology.

<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7183016				COMMITMENT: CR396/2018 - C 126/2018 - 2021 F169 \$784,960											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
<b>Revenue</b>															
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>											
2021	800,000	800,000	0	5411	Construction Contracts-Non TCA										
2022	0	0	0		800,000	0	0	0	0	100,000	100,000	200,000	200,000	200,000	1,600,000
2023	0	0	0		Total	800,000	0	0	0	100,000	100,000	200,000	200,000	200,000	1,600,000
2024	0	0	0	<b>Revenues</b>											
2025	0	0	0	169	Pay As You Go - Capital Reserve										
2026	100,000	100,000	0		15,040	0	0	0	0	100,000	100,000	200,000	200,000	200,000	815,040
2027	100,000	100,000	0	169CF	Committed Funding										
2028	200,000	200,000	0		784,960	0	0	0	0	0	0	0	0	0	784,960
2029	200,000	200,000	0		Total	800,000	0	0	0	100,000	100,000	200,000	200,000	200,000	1,600,000
2030	200,000	200,000	0												
	<b>1,600,000</b>	<b>1,600,000</b>	<b>0</b>												
<b>Historical Approved Budget</b>															
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
<b>Follows</b>	<b>Project Title</b>			<b>Effective Date</b>	<b>Description</b>							<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
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		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>						
2012	January 1, 2021	Growth: 100.0 % Maintenance: 0.0 %		Trevor Bennet					2031+'						



# Project Version Summary

<b>Project #</b>	ITC-001-09	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	End User Management
<b>Title</b>	Corporate Facilities Content Access Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																																					
Improve corporate communication and display notification features 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 &amp; 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>																																																																																																																																																																																																																																					
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																																					
7101007																																																																																																																																																																																																																																									
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																																					
				<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="3">Revenue</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td><b>Year</b></td> <td><b>Total Expense</b></td> <td><b>Net City Cost</b></td> <td><b>Subsidies</b></td> <td colspan="13"><b>Expenses</b></td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> <td>5411</td> <td colspan="12">Construction Contracts-Non TCA</td> </tr> <tr> <td>2022</td> <td>200,000</td> <td>200,000</td> <td>0</td> <td></td> <td>0</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>75,000</td> <td>75,000</td> <td>50,000</td> <td>400,000</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>Total</td> <td>0</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>75,000</td> <td>75,000</td> <td>50,000</td> <td>400,000</td> </tr> <tr> <td>2024</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="13"><b>Revenues</b></td> </tr> <tr> <td>2025</td> <td>0</td> <td>0</td> <td>0</td> <td>169</td> <td colspan="12">Pay As You Go - Capital Reserve</td> </tr> <tr> <td>2026</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>75,000</td> <td>75,000</td> <td>50,000</td> <td>400,000</td> </tr> <tr> <td>2027</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>Total</td> <td>0</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>75,000</td> <td>75,000</td> <td>50,000</td> <td>400,000</td> </tr> <tr> <td>2028</td> <td>75,000</td> <td>75,000</td> <td>0</td> <td colspan="13"></td> </tr> <tr> <td>2029</td> <td>75,000</td> <td>75,000</td> <td>0</td> <td colspan="13"></td> </tr> <tr> <td>2030</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td colspan="13"></td> </tr> <tr> <td colspan="2"><b>400,000</b></td> <td><b>400,000</b></td> <td><b>0</b></td> <td colspan="13"></td> </tr> </tbody> </table>															Revenue			GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>													2021	0	0	0	5411	Construction Contracts-Non TCA												2022	200,000	200,000	0		0	200,000	0	0	0	0	0	75,000	75,000	50,000	400,000	2023	0	0	0		Total	0	200,000	0	0	0	0	75,000	75,000	50,000	400,000	2024	0	0	0	<b>Revenues</b>													2025	0	0	0	169	Pay As You Go - Capital Reserve												2026	0	0	0		0	200,000	0	0	0	0	0	75,000	75,000	50,000	400,000	2027	0	0	0		Total	0	200,000	0	0	0	0	75,000	75,000	50,000	400,000	2028	75,000	75,000	0														2029	75,000	75,000	0														2030	50,000	50,000	0														<b>400,000</b>		<b>400,000</b>	<b>0</b>													
		Revenue			GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																									
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>																																																																																																																																																																																																																																					
2021	0	0	0	5411	Construction Contracts-Non TCA																																																																																																																																																																																																																																				
2022	200,000	200,000	0		0	200,000	0	0	0	0	0	75,000	75,000	50,000	400,000																																																																																																																																																																																																																										
2023	0	0	0		Total	0	200,000	0	0	0	0	75,000	75,000	50,000	400,000																																																																																																																																																																																																																										
2024	0	0	0	<b>Revenues</b>																																																																																																																																																																																																																																					
2025	0	0	0	169	Pay As You Go - Capital Reserve																																																																																																																																																																																																																																				
2026	0	0	0		0	200,000	0	0	0	0	0	75,000	75,000	50,000	400,000																																																																																																																																																																																																																										
2027	0	0	0		Total	0	200,000	0	0	0	0	75,000	75,000	50,000	400,000																																																																																																																																																																																																																										
2028	75,000	75,000	0																																																																																																																																																																																																																																						
2029	75,000	75,000	0																																																																																																																																																																																																																																						
2030	50,000	50,000	0																																																																																																																																																																																																																																						
<b>400,000</b>		<b>400,000</b>	<b>0</b>																																																																																																																																																																																																																																						
<b>Historical Approved Budget</b>																																																																																																																																																																																																																																									
				<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="3">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2010</td> <td>150,000</td> <td>150,000</td> <td>0</td> </tr> <tr> <td>2020</td> <td>200,000</td> <td>200,000</td> <td>0</td> </tr> </tbody> </table>															Revenue			Year	Total Expense	Net City Cost	Subsidies	2010	150,000	150,000	0	2020	200,000	200,000	0																																																																																																																																																																																																								
		Revenue																																																																																																																																																																																																																																							
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																																						
2010	150,000	150,000	0																																																																																																																																																																																																																																						
2020	200,000	200,000	0																																																																																																																																																																																																																																						
<b>Related Projects</b>				<b>Operating Budget Impact</b>																																																																																																																																																																																																																																					
				<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																																																																																																																																																																																																																																						
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>																																																																																																																																																																																																																																					

2009	January 1, 2010	Growth: 0.0 % Maintenance: 0.0 %	Earl Larking	Ongoing`
------	-----------------	----------------------------------	--------------	----------



## Project Version Summary

<b>Project #</b>	ITC-001-19	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	End User Management
<b>Title</b>	Funding for Microsoft Software		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

### Project Description

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.

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.

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.

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.

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.

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.

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.

### Version Description

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.

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.

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.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
-----------------------------------	-------------------------

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>												
2021	0	0	0	<b>Expenses</b>											
2022	0	0	0	5410	Construction Contracts - TCA										
2023	0	0	0		0	0	0	0	0	600,000	600,000	900,000	900,000	900,000	3,900,000
2024	0	0	0		Total										
2025	0	0	0	<b>Revenues</b>											
2026	600,000	600,000	0	169	Pay As You Go - Capital Reserve										
2027	600,000	600,000	0		0	0	0	0	0	0	150,000	150,000	150,000	450,000	
2028	900,000	900,000	0	221	Service Sustainability Investm										
2029	900,000	900,000	0		0	0	0	0	0	600,000	600,000	750,000	750,000	750,000	3,450,000
2030	900,000	900,000	0		Total										
	<b>3,900,000</b>	<b>3,900,000</b>	<b>0</b>		0	0	0	0	0	600,000	600,000	900,000	900,000	900,000	3,900,000

<b>Historical Approved Budget</b>
-----------------------------------

<b>Related Projects</b>	<b>Operating Budget Impact</b>		
<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>
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

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2019	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %	Earl Larking	Ongoing



# Project Version Summary

<b>Project #</b>	ITC-001-21	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Enterprise Systems
<b>Title</b>	Records Management - Replacement of Live Link System		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																												
				2021- External consultant to investigate electronic records management and data governance																																																																																																																																																																																																																												
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																												
7211019																																																																																																																																																																																																																																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																												
				<table border="1"> <thead> <tr> <th colspan="4">Revenue</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td><b>Year</b></td> <td><b>Total Expense</b></td> <td><b>Net City Cost</b></td> <td><b>Subsidies</b></td> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>2021</td> <td>40,000</td> <td>40,000</td> <td>0</td> <td>2915</td> <td>Consulting Services - External</td> <td></td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>40,000</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>40,000</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>Total</td> <td>40,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>40,000</td> </tr> <tr> <td>2024</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>2025</td> <td>0</td> <td>0</td> <td>0</td> <td>160</td> <td>Capital Expenditure Reserve</td> <td></td> </tr> <tr> <td>2026</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>40,000</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>40,000</td> </tr> <tr> <td>2027</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>Total</td> <td>40,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>40,000</td> </tr> <tr> <td>2028</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td>2029</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td>2030</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td></td> <td><b>40,000</b></td> <td><b>40,000</b></td> <td><b>0</b></td> <td colspan="12"></td> </tr> </tbody> </table>													Revenue				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												2021	40,000	40,000	0	2915	Consulting Services - External											2022	0	0	0			40,000	0	0	0	0	0	0	0	0	40,000	2023	0	0	0			Total	40,000	0	0	0	0	0	0	0	40,000	2024	0	0	0	<b>Revenues</b>												2025	0	0	0	160	Capital Expenditure Reserve											2026	0	0	0			40,000	0	0	0	0	0	0	0	0	40,000	2027	0	0	0			Total	40,000	0	0	0	0	0	0	0	40,000	2028	0	0	0													2029	0	0	0													2030	0	0	0														<b>40,000</b>	<b>40,000</b>	<b>0</b>												
Revenue				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>																																																																																																																																																																																																																												
2021	40,000	40,000	0	2915	Consulting Services - External																																																																																																																																																																																																																											
2022	0	0	0			40,000	0	0	0	0	0	0	0	0	40,000																																																																																																																																																																																																																	
2023	0	0	0			Total	40,000	0	0	0	0	0	0	0	40,000																																																																																																																																																																																																																	
2024	0	0	0	<b>Revenues</b>																																																																																																																																																																																																																												
2025	0	0	0	160	Capital Expenditure Reserve																																																																																																																																																																																																																											
2026	0	0	0			40,000	0	0	0	0	0	0	0	0	40,000																																																																																																																																																																																																																	
2027	0	0	0			Total	40,000	0	0	0	0	0	0	0	40,000																																																																																																																																																																																																																	
2028	0	0	0																																																																																																																																																																																																																													
2029	0	0	0																																																																																																																																																																																																																													
2030	0	0	0																																																																																																																																																																																																																													
	<b>40,000</b>	<b>40,000</b>	<b>0</b>																																																																																																																																																																																																																													
<b>Historical Approved Budget</b>																																																																																																																																																																																																																																
<b>Related Projects</b>				<b>Operating Budget Impact</b>																																																																																																																																																																																																																												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>																																																																																																																																																																																																																												
2021		Growth: 100.0 % Maintenance: 0.0 %																																																																																																																																																																																																																														



# Project Version Summary

<b>Project #</b>	ITC-002-19	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Enterprise Systems
<b>Title</b>	Municipal Tax System		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	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- Q1 2021): 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 systems in the delivery of City services.</p> <ul style="list-style-type: none"> <li>• Gathering Requirements, RFP Process, Vendor Selection, Contract Negotiation, etc.</li> </ul> <p>Phase 2 (Q1 2021 – Q1 2022): Implementation of a New Tax System</p> <ul style="list-style-type: none"> <li>• Software, Licensing or Subscription Fees, Data Conversion, Customization, Tax Reports &amp; Documentation, Testing, Human Resources, etc.</li> </ul> <p>Phase 3 (Q1 2022 – Q2 2022): Deployment of a New Tax System</p> <ul style="list-style-type: none"> <li>• Training, Human Resources, Deploy new Tax System, Provide Support After Go-Live</li> </ul> <p>Future Expenses (2026)</p> <ul style="list-style-type: none"> <li>• Upgrades, customizations, maintenance, etc.</li> </ul>
Project Comments/Reference	Version Comments
7207000	

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	1,795,500	1,795,500	0	5126	Computer Software											
2022	0	0	0		1,795,500	0	1,341,000	0	0	530,000	0	0	0	0	3,666,500	
2023	1,341,000	1,341,000	0		Total	1,795,500	0	1,341,000	0	0	530,000	0	0	0	3,666,500	
2024	0	0	0			0										
2025	0	0	0		Revenues											
2026	530,000	530,000	0	169	Pay As You Go - Capital Reserve											
2027	0	0	0		1,000,000	0	0	0	0	0	0	0	0	0	1,000,000	
2028	0	0	0	221	Service Sustainability Investm											
2029	0	0	0		795,500	0	1,341,000	0	0	530,000	0	0	0	0	2,666,500	
2030	0	0	0		Total	1,795,500	0	1,341,000	0	0	530,000	0	0	0	3,666,500	
	<b>3,666,500</b>	<b>3,666,500</b>	<b>0</b>			0										
Historical Approved Budget																
		Revenue														
Year	Total Expense	Net City Cost	Subsidies													
2020	233,500	233,500	0	Operating Budget Impact												
Related Projects																
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date												
2019	January 1, 2019	Growth: 55.7 % Maintenance: 44.3 %	Josh Higgins	2026`												



## Project Version Summary

<b>Project #</b>	ITC-008-07	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Enterprise Systems
<b>Title</b>	Corporate Enterprise Resource Planning (ERP) System		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<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>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>2021+ – 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>
Project Comments/Reference	Version Comments
7074018	

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	250,000	250,000	0	5411	Construction Contracts-Non TCA											
2022	250,000	250,000	0		250,000	250,000	250,000	0	516,696	2,000,000	2,154,473	1,750,000	2,250,000	2,000,000	11,421,169	
2023	250,000	250,000	0		Total	250,000	250,000	250,000	0	516,696	2,000,000	2,154,473	1,750,000	2,250,000	2,000,000	11,421,169
2024	0	0	0	Revenues												
2025	516,696	516,696	0	169	Pay As You Go - Capital Reserve											
2026	2,000,000	2,000,000	0		0	0	0	0	0	0	0	500,000	1,000,000	750,000	2,250,000	
2027	2,154,473	2,154,473	0	221	Service Sustainability Investm											
2028	1,750,000	1,750,000	0		250,000	250,000	250,000	0	516,696	2,000,000	2,154,473	1,250,000	1,250,000	1,250,000	9,171,169	
2029	2,250,000	2,250,000	0		Total	250,000	250,000	250,000	0	516,696	2,000,000	2,154,473	1,750,000	2,250,000	2,000,000	11,421,169
2030	2,000,000	2,000,000	0													
	<b>11,421,169</b>	<b>11,421,169</b>	<b>0</b>													
Historical Approved Budget																
		Revenue														
Year	Total Expense	Net City Cost	Subsidies													
2007	100,000	100,000	0													
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													
2020	125,000	125,000	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 2021	Project Lead	Est. Completion Date												
2007	January 1, 2007	Growth: 0.0 % Maintenance: 100.0 %	Josh Higgins	Ongoing`												



## Project Version Summary

<b>Project #</b>	ITC-011-07	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Enterprise Systems
<b>Title</b>	AMANDA Information System Upgrades and Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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.</p>	<p>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.</p> <p>2021 – 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.</p> <p>2022+ - 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 by at least 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.</p> <p>Implementation of additional functionality will continue that will create efficiencies needed by the corporate users as submitted through the governance process.</p> <p>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.</p>
Project Comments/Reference	Version Comments
7075021	

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	200,000	200,000	0	5411	Construction Contracts-Non TCA											
2022	300,000	300,000	0		200,000	300,000	200,000	200,000	200,000	0	0	250,000	250,000	250,000	1,850,000	
2023	200,000	200,000	0		Total	200,000	300,000	200,000	200,000	200,000	0	0	250,000	250,000	250,000	1,850,000
2024	200,000	200,000	0	Revenues												
2025	200,000	200,000	0	160	Capital Expenditure Reserve											
2026	0	0	0		50,000	75,000	50,000	0	0	0	0	0	0	0	175,000	
2027	0	0	0	221	Service Sustainability Investm											
2028	250,000	250,000	0		150,000	225,000	150,000	200,000	200,000	0	0	250,000	250,000	250,000	1,675,000	
2029	250,000	250,000	0		Total	200,000	300,000	200,000	200,000	200,000	0	0	250,000	250,000	250,000	1,850,000
2030	250,000	250,000	0													
	<b>1,850,000</b>	<b>1,850,000</b>	<b>0</b>													
Historical Approved Budget																
		Revenue														
Year	Total Expense	Net City Cost	Subsidies													
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													
2020	200,000	200,000	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 2021		Project Lead				Est. Completion Date								
2007	January 1, 2007	Growth: 25.0 % Maintenance: 75.0 %		Josh Higgins				Ongoing`								



## Project Version Summary

<b>Project #</b>	ITC-001-18	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Technology Infrastructure
<b>Title</b>	Online Access for Non-Network Users		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>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.</p> <p>The benefits of providing non-network users with corporate access includes but is not limited to:</p> <ol style="list-style-type: none"> <li>1. Identity &amp; Access Management <ul style="list-style-type: none"> <li>• This will offer a secure method to properly authenticate employee that are accessing our internal resources.</li> </ul> </li> <li>2. Access to the WorkForce Time &amp; Attendance system <ul style="list-style-type: none"> <li>• 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.</li> </ul> </li> <li>3. Access to employee self-service (My info) <ul style="list-style-type: none"> <li>• 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.</li> </ul> </li> <li>4. Online training and onboarding of new employees <ul style="list-style-type: none"> <li>• 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.</li> </ul> </li> <li>5. Improved communications with employees <ul style="list-style-type: none"> <li>• This will offer enhanced tools to communicate and engage employees by allowing us to share information such as documents, videos, and announcements.</li> </ul> </li> <li>6. Offering access to other corporate applications <ul style="list-style-type: none"> <li>• With a secure method to authenticate users we will be able to offer more online tools to assist employees in effectively performing their duties.</li> </ul> </li> </ol>	<p><b>Version Description</b></p> <p>The funds requested in 2021 and 2022 will be used to procure licenses for new 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. Most software vendors are moving from perpetual licensing to a more costly, annual subscription-based model. Going forward, as perpetual licenses reach end of life, we will likely be forced to move to these subscription models. The costs associated with renewing these licenses or moving to a subscription based model will need to be built into the Corporations PC Maintenance/Support Reserve Fund 177. Analysis on the sustainability of this Reserve Fund will be completed in 2021</p>
<p><b>Project Comments/Reference</b></p> <p>7183017</p>	<p><b>Version Comments</b></p> <p>COMMITMENT: CR395/2018 - C 123/2018 - 2021 F169 \$200,000 - 2022 F169 \$100,000</p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	200,000	200,000	0	5411	Construction Contracts-Non TCA										
2022	100,000	100,000	0		200,000	100,000	0	0	0	0	0	0	0	0	300,000
2023	0	0	0		Total	200,000	100,000	0	0	0	0	0	0	0	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	0	0	0
2027	0	0	0	169CF	Committed Funding										
2028	0	0	0		200,000	100,000	0	0	0	0	0	0	0	0	300,000
2029	0	0	0		Total	200,000	100,000	0	0	0	0	0	0	0	300,000
2030	0	0	0												
	<b>300,000</b>	<b>300,000</b>	<b>0</b>												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2020	250,000	250,000	0												
Related Projects				Operating Budget Impact											
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date											
2018	January 1, 2018	Growth: 100.0 % Maintenance: 0.0 %	Earl Larking	2022'											



## Project Version Summary

<b>Project #</b>	ITC-002-07	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Technology Infrastructure
<b>Title</b>	Corporate Electronic Storage and Retrieval Systems Upgrades		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>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.</p>	<p><b>Version Description</b></p> <p>2021: Replace the older storage appliances that are now over 6 years old with newer storage technology. Investigate new technologies and processes that will help us organize and more effectively manage our data.</p> <p>2022+: 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.</p>
<p><b>Project Comments/Reference</b></p> <p>7069900</p>	<p><b>Version Comments</b></p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	150,000	150,000	0	5411	Construction Contracts-Non TCA										
2022	150,000	150,000	0		150,000	150,000	150,000	150,000	100,000	100,000	100,000	125,000	100,000	100,000	1,225,000
2023	150,000	150,000	0		Total	150,000	150,000	150,000	150,000	100,000	100,000	100,000	125,000	100,000	1,225,000
2024	150,000	150,000	0	Revenues											
2025	100,000	100,000	0	160	Capital Expenditure Reserve										
2026	100,000	100,000	0		0	150,000	0	150,000	100,000	100,000	50,000	0	0	0	550,000
2027	100,000	100,000	0	169	Pay As You Go - Capital Reserve										
2028	125,000	125,000	0		90,000	0	90,000	0	0	0	0	50,000	50,000	50,000	330,000
2029	100,000	100,000	0	221	Service Sustainability Investm										
2030	100,000	100,000	0		60,000	0	60,000	0	0	0	50,000	75,000	50,000	50,000	345,000
	<b>1,225,000</b>	<b>1,225,000</b>	<b>0</b>		Total	150,000	150,000	150,000	150,000	100,000	100,000	100,000	125,000	100,000	1,225,000
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												
2020	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 2021	Project Lead	Est. Completion Date											
2007	January 1, 2007	Growth: 60.0 % Maintenance: 40.0 %	Norm Synnott	Ongoing`											



## Project Version Summary

<b>Project #</b>	ITC-003-07	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Technology Infrastructure
<b>Title</b>	Information Technology Network Infrastructure Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></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.</p>	<p><b>Version Description</b></p> <p>Ongoing maintenance of existing systems and deployment of new technologies is critical to maintaining expected levels of service.</p> <p>2021: 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. Expand our Virtual server and upgrade our Virtual Desktop environment.</p> <p>2022+: 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><b>Project Comments/Reference</b></p> <p>7059903</p>	<p><b>Version Comments</b></p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	250,000	250,000	0	2951	INTERNAL Service Salary Allocn										
2022	200,000	200,000	0		150,000	120,000	120,000	120,000	120,000	120,000	120,000	100,000	100,000	100,000	1,170,000
2023	200,000	200,000	0	5411	Construction Contracts-Non TCA										
2024	200,000	200,000	0		100,000	80,000	80,000	80,000	80,000	80,000	80,000	100,000	100,000	100,000	880,000
2025	200,000	200,000	0	Total	250,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,050,000
2026	200,000	200,000	0	Revenues											
2027	200,000	200,000	0	160	Capital Expenditure Reserve										
2028	200,000	200,000	0		0	0	0	80,000	80,000	80,000	80,000	0	0	0	320,000
2029	200,000	200,000	0	169	Pay As You Go - Capital Reserve										
2030	200,000	200,000	0		100,000	53,000	80,000	0	0	0	0	100,000	100,000	100,000	533,000
	<b>2,050,000</b>	<b>2,050,000</b>	<b>0</b>	221	Service Sustainability Investm										
				Total	250,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,050,000
Historical Approved Budget															
		Revenue													
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												
2020	230,000	230,000	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 2021		Project Lead				Est. Completion Date							
2007	January 1, 2007	Growth: 40.0 % Maintenance: 60.0 %		Norm Synnott				Ongoing`							



# Project Version Summary

<b>Project #</b>	ITC-005-07	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Technology Infrastructure
<b>Title</b>	Corporate Data & Network Security Initiatives		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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:</p> <ol style="list-style-type: none"> <li>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.</li> <li>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.</li> </ol> <p>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.</p>	<p>Implementation of risk mitigation strategies as prioritized through the Security Framework Methodology will be conducted from 2020 through 2027 and beyond.</p> <p>2021: Continue to remediate vulnerabilities identified in 2019 security audit. Pending budget approval, introduce Managed Security Service Provider technologies. 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.</p> <p>2022+: Further fund improving cyber security around new and changing technologies, specifically cloud services and IoT (Internet of Things) deployment.</p>
Project Comments/Reference	Version Comments
7059901	

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	176,000	176,000	0	5411	Construction Contracts-Non TCA										
2022	300,000	300,000	0		176,000	300,000	300,000	300,000	100,000	100,000	100,000	100,000	100,000	100,000	1,676,000
2023	300,000	300,000	0		Total	176,000	300,000	300,000	300,000	100,000	100,000	100,000	100,000	100,000	1,676,000
2024	300,000	300,000	0	Revenues											
2025	100,000	100,000	0	160	Capital Expenditure Reserve										
2026	100,000	100,000	0		36,750	150,000	150,000	150,000	50,000	50,000	50,000	0	0	0	636,750
2027	100,000	100,000	0	169	Pay As You Go - Capital Reserve										
2028	100,000	100,000	0		51,250	0	0	0	0	0	0	50,000	50,000	50,000	201,250
2029	100,000	100,000	0	221	Service Sustainability Investm										
2030	100,000	100,000	0		88,000	150,000	150,000	150,000	50,000	50,000	50,000	50,000	50,000	50,000	838,000
	<b>1,676,000</b>	<b>1,676,000</b>	<b>0</b>	Total	176,000	300,000	300,000	300,000	100,000	100,000	100,000	100,000	100,000	100,000	1,676,000
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2008	50,000	50,000	0												
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												
2020	329,000	329,000	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 2021		Project Lead				Est. Completion Date							
2007	January 1, 2010	Growth: 50.0 % Maintenance: 50.0 %		Steve Francia				Ongoing`							



## Project Version Summary

<b>Project #</b>	ITC-006-07	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Technology Infrastructure
<b>Title</b>	Information Technology Disaster Recovery Initiatives		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>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.</p>	<p><b>Version Description</b></p> <p>2021: Explore options with Windsor Police Service utilized some of their upgraded Jefferson facility.</p> <p>2022+: 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.</p>
<p><b>Project Comments/Reference</b></p> <p>7074016</p>	<p><b>Version Comments</b></p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	100,000	100,000	0	5411	Construction Contracts-Non TCA										
2022	100,000	100,000	0		100,000	100,000	100,000	100,000	100,000	100,000	100,000	150,000	150,000	150,000	1,150,000
2023	100,000	100,000	0		Total	100,000	100,000	100,000	100,000	100,000	100,000	150,000	150,000	150,000	1,150,000
2024	100,000	100,000	0	Revenues											
2025	100,000	100,000	0	160	Capital Expenditure Reserve										
2026	100,000	100,000	0		50,000	50,000	50,000	50,000	50,000	50,000	50,000	75,000	75,000	75,000	575,000
2027	100,000	100,000	0	221	Service Sustainability Investm										
2028	150,000	150,000	0		50,000	50,000	50,000	50,000	50,000	50,000	50,000	75,000	75,000	75,000	575,000
2029	150,000	150,000	0		Total	100,000	100,000	100,000	100,000	100,000	100,000	150,000	150,000	150,000	1,150,000
2030	150,000	150,000	0												
	<b>1,150,000</b>	<b>1,150,000</b>	<b>0</b>												
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												
2020	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 2021	Project Lead	Est. Completion Date											
2007	January 1, 2010	Growth: 50.0 % Maintenance: 50.0 %	Norm Synnott	Ongoing`											



## Project Version Summary

<b>Project #</b>	ITC-012-07	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2021	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Technology Infrastructure
<b>Title</b>	Corporate Telephone System Upgrades/Replacement		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>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.</p>	<p><b>Version Description</b></p> <p>2021: Upgrade older systems (Parks &amp; Recreation hardware, Arenas, Community Centres). Continue deployment of Unified Communications technologies on the new platform for mobile workers. Investigate E911 solution for our distributed VoIP system.</p> <p>2022+: 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.</p>
<p><b>Project Comments/Reference</b></p> <p>7032178</p>	<p><b>Version Comments</b></p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	200,000	200,000	0	5410	Construction Contracts - TCA										
2022	300,000	300,000	0		200,000	300,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,300,000
2023	100,000	100,000	0		Total	200,000	300,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,300,000
2024	100,000	100,000	0	Revenues											
2025	100,000	100,000	0	160	Capital Expenditure Reserve										
2026	100,000	100,000	0		0	150,000	50,000	50,000	50,000	50,000	50,000	0	0	0	400,000
2027	100,000	100,000	0	169	Pay As You Go - Capital Reserve										
2028	100,000	100,000	0		60,000	0	0	0	0	0	0	50,000	50,000	50,000	210,000
2029	100,000	100,000	0	221	Service Sustainability Investm										
2030	100,000	100,000	0		140,000	150,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	690,000
	<b>1,300,000</b>	<b>1,300,000</b>	<b>0</b>	Total	200,000	300,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,300,000
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
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												
2020	200,000	200,000	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description							Exp/(Rev)	FTE Impact		
				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		
Year Identified	Start Date	Project Type for 2021		Project Lead				Est. Completion Date							
2007	January 1, 2010	Growth: 30.0 % Maintenance: 70.0 %		Norm Synnott				Ongoing`							

# **2021 Approved Capital Budget**



## **SECTION D:**

### **Capital Project Summaries**

**Office of the City Clerk**



# Project Version Summary

<b>Project #</b>	ECB-039-18	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2021	<b>Department</b>	Council Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration Council Services
<b>Title</b>	Ward Funds		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																																																																											
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.																																																																																																																																																																																																																																																																											
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																																																																											
7182011, 7165003				COMMITMENT: CR4/2019 - C 217/2018 - 2023 F169 \$500,000 B30/2019 - C 53/2019 - 2023 F169 \$1,100,000																																																																																																																																																																																																																																																																											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																																																																											
				<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="3">Revenue</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th colspan="13"></th> </tr> </thead> <tbody> <tr> <td colspan="4"><b>Expenses</b></td> <td colspan="13"></td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> <td>5410</td> <td colspan="3">Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>1,600,000</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>1,600,000</td> </tr> <tr> <td>2023</td> <td>1,600,000</td> <td>1,600,000</td> <td>0</td> <td>Total</td> <td>0</td> <td>0</td> <td>1,600,000</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>1,600,000</td> </tr> <tr> <td colspan="4"><b>Revenues</b></td> <td colspan="13"></td> </tr> <tr> <td>2024</td> <td>0</td> <td>0</td> <td>0</td> <td>169</td> <td colspan="3">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> </tr> <tr> <td>2025</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> </tr> <tr> <td>2026</td> <td>0</td> <td>0</td> <td>0</td> <td>169CF</td> <td colspan="3">Committed Funding</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2027</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>1,600,000</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>1,600,000</td> </tr> <tr> <td>2028</td> <td>0</td> <td>0</td> <td>0</td> <td>Total</td> <td>0</td> <td>0</td> <td>1,600,000</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>1,600,000</td> </tr> <tr> <td>2029</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="13"></td> </tr> <tr> <td>2030</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="13"></td> </tr> <tr> <td></td> <td><b>1,600,000</b></td> <td><b>1,600,000</b></td> <td><b>0</b></td> <td colspan="13"></td> </tr> </tbody> </table>															Revenue			GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	Year	Total Expense	Net City Cost	Subsidies														<b>Expenses</b>																	2021	0	0	0	5410	Construction Contracts - TCA												2022	0	0	0		0	0	1,600,000	0	0	0	0	0	0	0	0	1,600,000	2023	1,600,000	1,600,000	0	Total	0	0	1,600,000	0	0	0	0	0	0	0	0	1,600,000	<b>Revenues</b>																	2024	0	0	0	169	Pay As You Go - Capital Reserve												2025	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	2026	0	0	0	169CF	Committed Funding												2027	0	0	0		0	0	1,600,000	0	0	0	0	0	0	0	0	1,600,000	2028	0	0	0	Total	0	0	1,600,000	0	0	0	0	0	0	0	0	1,600,000	2029	0	0	0														2030	0	0	0															<b>1,600,000</b>	<b>1,600,000</b>	<b>0</b>													
		Revenue			GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																																																															
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																																																																												
<b>Expenses</b>																																																																																																																																																																																																																																																																															
2021	0	0	0	5410	Construction Contracts - TCA																																																																																																																																																																																																																																																																										
2022	0	0	0		0	0	1,600,000	0	0	0	0	0	0	0	0	1,600,000																																																																																																																																																																																																																																																															
2023	1,600,000	1,600,000	0	Total	0	0	1,600,000	0	0	0	0	0	0	0	0	1,600,000																																																																																																																																																																																																																																																															
<b>Revenues</b>																																																																																																																																																																																																																																																																															
2024	0	0	0	169	Pay As You Go - Capital Reserve																																																																																																																																																																																																																																																																										
2025	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																																																															
2026	0	0	0	169CF	Committed Funding																																																																																																																																																																																																																																																																										
2027	0	0	0		0	0	1,600,000	0	0	0	0	0	0	0	0	1,600,000																																																																																																																																																																																																																																																															
2028	0	0	0	Total	0	0	1,600,000	0	0	0	0	0	0	0	0	1,600,000																																																																																																																																																																																																																																																															
2029	0	0	0																																																																																																																																																																																																																																																																												
2030	0	0	0																																																																																																																																																																																																																																																																												
	<b>1,600,000</b>	<b>1,600,000</b>	<b>0</b>																																																																																																																																																																																																																																																																												
<b>Historical Approved Budget</b>																																																																																																																																																																																																																																																																															
				<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="3">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2019</td> <td>500,000</td> <td>500,000</td> <td>0</td> </tr> </tbody> </table>															Revenue			Year	Total Expense	Net City Cost	Subsidies	2019	500,000	500,000	0																																																																																																																																																																																																																																																		
		Revenue																																																																																																																																																																																																																																																																													
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																																																																												
2019	500,000	500,000	0																																																																																																																																																																																																																																																																												
<b>Related Projects</b>				<b>Operating Budget Impact</b>																																																																																																																																																																																																																																																																											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>																																																																																																																																																																																																																																																																						
2018	March 1, 2018	Growth: 0.0 % Maintenance: 0.0 %		Alexandra Taylor					TBD`																																																																																																																																																																																																																																																																						



## Project Version Summary

<b>Project #</b>	HCP-001-07	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2021	<b>Department</b>	Human Resources
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Human Resources
<b>Title</b>	Accessibility - ODA Compliance		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<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>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>
Project Comments/Reference	Version Comments
<p>7035138 closed/7086008</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"> <li>• Accessible beach mats and 2 accessible floating Mobi Chairs at Sandpoint beach,</li> <li>• Hydraulic lift adult change tables at a number of facilities across the City,</li> <li>• Ceiling lifts, Hoyer power advanced portable lifts and also pool lifts,</li> <li>• Water wheelchairs and accessible floatation devices,</li> <li>• Additional audible pedestrian signals in key areas identified to meet community needs</li> <li>• Additional accessible door actuators in identified facilities</li> <li>• Accessible outdoor fitness equipment</li> <li>• Lower customer service counters</li> <li>• Accessible sign enhancements at a number of facilities</li> <li>• Accessible washroom and accessible change room upgrades at key identified facilities</li> </ul>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	100,000	100,000	0	5410	Construction Contracts - TCA										
2022	100,000	100,000	0		100,000	100,000	0	50,000	50,000	50,000	50,000	0	0	250,000	650,000
2023	0	0	0		Total	100,000	100,000	0	50,000	50,000	50,000	0	0	250,000	650,000
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	0	50,000	50,000	50,000	50,000	0	0	250,000	650,000
2027	50,000	50,000	0		Total	100,000	100,000	0	50,000	50,000	50,000	0	0	250,000	650,000
2028	0	0	0												
2029	0	0	0												
2030	250,000	250,000	0												
	<b>650,000</b>	<b>650,000</b>	<b>0</b>												
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												
2020	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 2021		Project Lead				Est. Completion Date							
2007	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %		Gayle Jones				Ongoing`							



## Project Version Summary

<b>Project #</b>	HRS-001-19	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2021	<b>Department</b>	Human Resources
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Human Resources
<b>Title</b>	Diversity and Inclusion Initiative (Phases 1 and 2)		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<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>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. 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>
Project Comments/Reference	Version Comments
<p>Project: 7192002</p>	<p>There are seven (7) essential areas to the requirements of the Diversity and Inclusion Initiative:</p> <ol style="list-style-type: none"> <li>1. Enhanced Training: Enhanced training of staff throughout the Corporation on diversity and inclusion</li> <li>2. Effective Communication: Includes Project Management tools, video remote interpreting costs, and printing costs</li> <li>3. Leveraging Technology: Includes communication tools for Community Outreach and Project Management software</li> <li>4. Inclusion Campaign: Hosting events and having displays of diversity to demonstrate our commitment to diversity, including with our Employee Resource Groups</li> <li>5. Community Outreach: Consulting and communicating with key stakeholders in the community to assist with developing Phase Two of the Diversity and Inclusion Initiative</li> <li>6. Efficient Project Administration: Project management to oversee Phase One and Phase 2</li> <li>7. Departmental Needs: Additional printing and translation needs that may arise</li> </ol> <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.</p> <p>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 &amp; Retention; Socio-Cultural; Portrayal and Organizational Culture.</p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	0	0	0	2915	Consulting Services - External										
2022	50,000	50,000	0		0	50,000	50,000	30,000	0	0	0	0	0	0	130,000
2023	50,000	50,000	0		Total										0
2024	30,000	30,000	0		0	50,000	50,000	30,000	0	0	0	0	0	0	130,000
2025	0	0	0	Revenues											
2026	0	0	0	169	Pay As You Go - Capital Reserve										
2027	0	0	0		0	50,000	50,000	30,000	0	0	0	0	0	0	130,000
2028	0	0	0		Total										0
2029	0	0	0		0	50,000	50,000	30,000	0	0	0	0	0	0	130,000
2030	0	0	0		0	50,000	50,000	30,000	0	0	0	0	0	0	130,000
	<b>130,000</b>	<b>130,000</b>	<b>0</b>												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2019	120,000	120,000	0												
2020	120,000	120,000	0												
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 2021	Project Lead	Est. Completion Date											
2019	June 18, 2018	Growth: 0.0 % Maintenance: 0.0 %	Gayle Jones	December 31, 2022`											



## Project Version Summary

<b>Project #</b>	HRS-002-11	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2021	<b>Department</b>	Human Resources
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Human Resources
<b>Title</b>	Corporate Employee Online Training Programs		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>This capital project will create online learning programs for courses currently offered by Human Resources including our Health &amp; 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>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>
Project Comments/Reference	Version Comments
<p>7211042 7125000 (closed)</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>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											
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
		Net City Cost	Subsidies	Expenses											
2021	20,000	20,000	0	2950	Other Prof Services-External										
2022	0	0	0		20,000	0	0	0	0	0	0	0	0	0	20,000
2023	0	0	0		Total	20,000	0	0	0	0	0	0	0	0	20,000
2024	0	0	0	Revenues											
2025	0	0	0	169	Pay As You Go - Capital Reserve										
2026	0	0	0		20,000	0	0	0	0	0	0	0	0	0	20,000
2027	0	0	0		Total	20,000	0	0	0	0	0	0	0	0	20,000
2028	0	0	0												
2029	0	0	0												
2030	0	0	0												
	<b>20,000</b>	<b>20,000</b>	<b>0</b>												
Historical Approved Budget															
Year	Total Expense	Revenue													
		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 2021		Project Lead				Est. Completion Date							
2011	January 1, 2016	Growth: 100.0 % Maintenance: 0.0 %		Vincenza Mihalo				2021`							



## Project Version Summary

<b>Project #</b>	HRS-002-17	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2021	<b>Department</b>	Human Resources
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Human Resources
<b>Title</b>	Corporate Ergonomic Equipment		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	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 &amp; 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"> <li>• Lifting or pushing loads that require excessive force;</li> <li>• Reaching or bending in an awkward posture;</li> <li>• Holding the same position for a long time; or</li> <li>• Repeating the same movements over and over with little chance for rest or recovery.</li> </ul> <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 &amp; 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"> <li>• Lifting or pushing loads that require excessive force;</li> <li>• Reaching or bending in an awkward posture;</li> <li>• Holding the same position for a long time; or</li> <li>• Repeating the same movements over and over with little chance for rest or recovery.</li> </ul> <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"> <li>• an implementation plan;</li> <li>• a hazard identification and assessment methodology;</li> <li>• hazard identification and assessment;</li> <li>• preventive measures;</li> <li>• employee education; and</li> <li>• a program evaluation.</li> </ul> <p>Within a Musculoskeletal Prevention Program, our Ergonomist and Wellness Specialist will work together with our Health &amp; 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	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	0	0	0	<b>Expenses</b>												
2022	0	0	0	5110	Machinery & Equipment - TCA											
2023	0	0	0		0	0	0	35,000	0	0	0	0	0	0	35,000	
2024	35,000	35,000	0	Total	0	0	0	35,000	0	0	0	0	0	0	35,000	
2025	0	0	0	<b>Revenues</b>												
2026	0	0	0	169	Pay As You Go - Capital Reserve											
2027	0	0	0		0	0	0	35,000	0	0	0	0	0	0	35,000	
2028	0	0	0	Total	0	0	0	35,000	0	0	0	0	0	0	35,000	
2029	0	0	0													
2030	0	0	0													
	<b>35,000</b>	<b>35,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No operating budget impact.								0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2017	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Julie Ryckman					Ongoing`							



## Project Version Summary

<b>Project #</b>	HRS-002-08	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2021	<b>Department</b>	Human Resources
<b>Asset Type</b>	Unassigned	<b>Division</b>	Occupational H&S & Wellness
<b>Title</b>	Corporate Health and Safety Program - Assessments		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<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 &amp; 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 &amp; safety records. Accordingly, the Ministry of Labour has hired and trained hundreds of new health &amp; 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 &amp; safety.</p> <p>Since March 31, 2004, new occupational health &amp; 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>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"> <li>- assessments of indoor air quality concerns (i.e. humidity, confirmation of compliance on exposure limits), average cost \$1,500 per assessment</li> <li>- industrial hygiene assessments for the presence of mould, average cost \$1,700 per assessment</li> <li>- 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.</li> </ul> <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>
Project Comments/Reference	Version Comments
<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 &amp; 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>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 &amp; safety and return to work practices &amp; 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 &amp; 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	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	10,000	10,000	0	2220	Maintenance Parts & Materials										
2022	0	0	0		10,000	0	0	0	0	0	0	0	0	117,250	127,250
2023	0	0	0		Total	10,000	0	0	0	0	0	0	0	117,250	127,250
2024	0	0	0	Revenues											
2025	0	0	0	160	Capital Expenditure Reserve										
2026	0	0	0		0	0	0	0	0	0	0	0	0	117,250	117,250
2027	0	0	0	221	Service Sustainability Investm										
2028	0	0	0		10,000	0	0	0	0	0	0	0	0	0	10,000
2029	0	0	0		Total	10,000	0	0	0	0	0	0	0	117,250	127,250
2030	117,250	117,250	0												
<b>127,250</b>		<b>127,250</b>	<b>0</b>												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2008	25,000	25,000	0												
2009	100,000	100,000	0												
2012	25,000	25,000	0												
2013	10,000	0	10,000												
2014	10,000	10,000	0												
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												
2020	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 2021	Project Lead	Est. Completion Date											
2008	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Julie Ryckman	Ongoing`											



# Project Version Summary

<b>Project #</b>	WPL-001-17	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2021	<b>Department</b>	Windsor Public Library
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Library
<b>Title</b>	Windsor Public Library Refurbishments		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7219016																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	71,344	71,344	0	5130	Furniture & Furnishings											
2022	89,180	89,180	0			71,344	89,180	33,752	46,000	46,000	31,000	48,000	0	0	0	365,276
2023	33,752	33,752	0			Total	71,344	89,180	33,752	46,000	46,000	31,000	48,000	0	0	365,276
2024	46,000	46,000	0	<b>Revenues</b>												
2025	46,000	46,000	0	169	Pay As You Go - Capital Reserve											
2026	31,000	31,000	0			71,344	89,180	33,752	46,000	46,000	31,000	48,000	0	0	0	365,276
2027	48,000	48,000	0			Total	71,344	89,180	33,752	46,000	46,000	31,000	48,000	0	0	365,276
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>365,276</b>	<b>365,276</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>										<b>Exp/(Rev)</b>	<b>FTE Impact</b>
				Unknown	No Operating Budget Impact										0	0
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2017	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %		Nancy Peel & Christine Arkell					Ongoing							



# Project Version Summary

<b>Project #</b>	WPL-001-20	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2021	<b>Department</b>	Windsor Public Library
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Library
<b>Title</b>	WPL Electronic Signs		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																										
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.																																																																																																																																										
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																										
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																										
<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>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>2029</td><td>90,000</td><td>90,000</td><td>0</td></tr> <tr><td>2030</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td><b>90,000</b></td><td><b>90,000</b></td><td><b>0</b></td></tr> </tbody> </table>						Revenue		Year	Total Expense	Net City Cost	Subsidies	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	2029	90,000	90,000	0	2030	0	0	0		<b>90,000</b>	<b>90,000</b>	<b>0</b>	<table border="1"> <thead> <tr> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="13"><b>Expenses</b></td> </tr> <tr> <td>5130 Furniture &amp; Furnishings</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>90,000</td> <td>0</td> <td>90,000</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>90,000</td> <td>0</td> <td>90,000</td> </tr> <tr> <td colspan="13"><b>Revenues</b></td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</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>90,000</td> <td>0</td> <td>90,000</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>90,000</td> <td>0</td> <td>90,000</td> </tr> </tbody> </table>	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>													5130 Furniture & Furnishings	0	0	0	0	0	0	0	0	90,000	0	90,000	Total	0	0	0	0	0	0	0	0	90,000	0	90,000	<b>Revenues</b>													169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	90,000	0	90,000	Total	0	0	0	0	0	0	0	0	90,000	0	90,000
		Revenue																																																																																																																																												
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																											
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																																																																																																																																											
2029	90,000	90,000	0																																																																																																																																											
2030	0	0	0																																																																																																																																											
	<b>90,000</b>	<b>90,000</b>	<b>0</b>																																																																																																																																											
GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																			
<b>Expenses</b>																																																																																																																																														
5130 Furniture & Furnishings	0	0	0	0	0	0	0	0	90,000	0	90,000																																																																																																																																			
Total	0	0	0	0	0	0	0	0	90,000	0	90,000																																																																																																																																			
<b>Revenues</b>																																																																																																																																														
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	90,000	0	90,000																																																																																																																																			
Total	0	0	0	0	0	0	0	0	90,000	0	90,000																																																																																																																																			
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>																																																																																																																																										
<b>Related Projects</b>																																																																																																																																														
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>																																																																																																																																										
2020		Growth: 0.0 % Maintenance: 0.0 %		2027																																																																																																																																										



# Project Version Summary

<b>Project #</b>	WPL-002-18	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2021	<b>Department</b>	Windsor Public Library
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Library
<b>Title</b>	Windsor Public Library Materials Acquisitions		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7145000	

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies													
2021	150,000	150,000	0	<b>Expenses</b>												
2022	125,000	125,000	0	2085	Publications and Manuals											
2023	125,000	125,000	0		150,000	125,000	125,000	150,000	150,000	150,000	150,000	200,000	200,000	0	1,400,000	
2024	150,000	150,000	0	Total	150,000	125,000	125,000	150,000	150,000	150,000	150,000	200,000	200,000	0	1,400,000	
2025	150,000	150,000	0	<b>Revenues</b>												
2026	150,000	150,000	0	122	Dev Chg - Library											
2027	150,000	150,000	0		150,000	125,000	125,000	150,000	150,000	150,000	150,000	200,000	200,000	0	1,400,000	
2028	200,000	200,000	0	Total	150,000	125,000	125,000	150,000	150,000	150,000	150,000	200,000	200,000	0	1,400,000	
2029	200,000	200,000	0													
2030	0	0	0													
	<b>1,400,000</b>	<b>1,400,000</b>	<b>0</b>													

Historical Approved Budget			
		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2019	175,000	175,000	0
2020	150,000	150,000	0

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2018	January 1, 2022	Growth: 0.0 % Maintenance: 100.0 %	Kitty Pope	Ongoing`



# Project Version Summary

<b>Project #</b>	WPL-002-20	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2021	<b>Department</b>	Windsor Public Library
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Library
<b>Title</b>	Library Self Checkouts		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Scheduled replacement of library self-checkout machines.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	5110	Machinery & Equipment - TCA											
2022	0	0	0		0	0	0	0	0	0	40,000	40,000	80,000	160,000		
2023	0	0	0		Total	0	0	0	0	0	40,000	40,000	80,000	160,000		
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		0	0	0	0	0	0	40,000	40,000	80,000	160,000		
2027	0	0	0		Total	0	0	0	0	0	40,000	40,000	80,000	160,000		
2028	40,000	40,000	0													
2029	40,000	40,000	0													
2030	80,000	80,000	0													
	<b>160,000</b>	<b>160,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2020		Growth: 0.0 % Maintenance: 0.0 %														

# **2021 Approved Capital Budget**



## **SECTION D:**

**Capital Project Summaries**

**Office of the City Engineer**



# Project Version Summary

<b>Project #</b>	ECP-001-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Corporate Projects, Right of Way & Administration
<b>Title</b>	New City Hall Construction		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																						
The budget for this project was set at \$43,937,000 per CR130/2016. Construction is completed and future funding of \$4,850,000 is required.				Future funding sources required for the New City Hall: \$4,850,000 – 2021 debt reduction levy																																																																																																																																						
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																						
7115001				COMMITMENT: B24/2016 - R18045 and CR161/2015 - R17867 and M222-2015 - AMP/9120 - 2021 F169 \$2,425,000 - 2021 F221 \$2,425,000																																																																																																																																						
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																						
				<table border="1"> <thead> <tr> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="13"><b>Expenses</b></td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td>4,850,000</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>0</td> <td>4,850,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>4,850,000</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>4,850,000</b></td> </tr> <tr> <td colspan="13"><b>Revenues</b></td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>0</td> </tr> <tr> <td>169CF Committed Funding</td> <td>2,425,000</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>0</td> <td>2,425,000</td> </tr> <tr> <td>221 Service Sustainability Investm</td> <td>0</td> </tr> <tr> <td>221CF Committed Funding</td> <td>2,425,000</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>0</td> <td>2,425,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>4,850,000</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>4,850,000</b></td> </tr> </tbody> </table>													GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>													5410 Construction Contracts - TCA	4,850,000	0	0	0	0	0	0	0	0	0	4,850,000	<b>Total</b>	<b>4,850,000</b>	<b>0</b>	<b>4,850,000</b>	<b>Revenues</b>													169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0	169CF Committed Funding	2,425,000	0	0	0	0	0	0	0	0	0	2,425,000	221 Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0	221CF Committed Funding	2,425,000	0	0	0	0	0	0	0	0	0	2,425,000	<b>Total</b>	<b>4,850,000</b>	<b>0</b>	<b>4,850,000</b>																
GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																															
<b>Expenses</b>																																																																																																																																										
5410 Construction Contracts - TCA	4,850,000	0	0	0	0	0	0	0	0	0	4,850,000																																																																																																																															
<b>Total</b>	<b>4,850,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,850,000</b>																																																																																																																															
<b>Revenues</b>																																																																																																																																										
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0																																																																																																																															
169CF Committed Funding	2,425,000	0	0	0	0	0	0	0	0	0	2,425,000																																																																																																																															
221 Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0																																																																																																																															
221CF Committed Funding	2,425,000	0	0	0	0	0	0	0	0	0	2,425,000																																																																																																																															
<b>Total</b>	<b>4,850,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,850,000</b>																																																																																																																															
<b>Historical Approved Budget</b>																																																																																																																																										
				<table border="1"> <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>2,500,000</td> <td>2,500,000</td> <td>0</td> </tr> </tbody> </table>													Year	Total Expense	Net City Cost	Subsidies	2019	2,500,000	2,500,000	0																																																																																																																		
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																							
2019	2,500,000	2,500,000	0																																																																																																																																							
<b>Related Projects</b>				<b>Operating Budget Impact</b>																																																																																																																																						
				<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></td> <td>0</td> <td>0</td> </tr> </tbody> </table>													Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown		0	0																																																																																																																		
Effective Date	Description	Exp/(Rev)	FTE Impact																																																																																																																																							
Unknown		0	0																																																																																																																																							
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>																																																																																																																																						
2016	January 1, 2016	Growth: 50.0 % Maintenance: 50.0 %	Wadah Al-Yassiri	2021`																																																																																																																																						



## Project Version Summary

<b>Project #</b>	ECP-009-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Corporate Projects, Right of Way & Administration
<b>Title</b>	Corporate Properties Site Assessments/Clean-ups/Demolitions		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <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 neighboring property owners and residents. In order to mitigate the potential liability and facilitate disposition of the properties as appropriate, funding is sometimes required to minor repairs or demolish the existing structures. This project includes funding for vacant City-owned properties that require demolition.</p>	<p><b>Version Description</b></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>
<p><b>Project Comments/Reference</b></p> <p>7081019</p>	<p><b>Version Comments</b></p>

Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	200,000	200,000	0	<b>Expenses</b>												
2022	200,000	200,000	0	5410	Construction Contracts - TCA											
2023	0	0	0		200,000	200,000	0	0	0	0	0	0	0	0	400,000	
2024	0	0	0	Total												400,000
2025	0	0	0	<b>Revenues</b>												
2026	0	0	0	221	Service Sustainability Investm											
2027	0	0	0		200,000	200,000	0	0	0	0	0	0	0	0	400,000	
2028	0	0	0	Total												400,000
2029	0	0	0													
2030	0	0	0													
<b>400,000</b>		<b>400,000</b>	<b>0</b>													
Historical Approved Budget																
Year	Total Expense	Revenue														
2008	200,000	Net City Cost	Subsidies													
2010	800,000	800,000	0													
2011	427,337	427,337	0													
2014	1,005,000	1,005,000	0													
2020	200,000	200,000	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 2021		Project Lead					Est. Completion Date							
2008	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %		France Isabelle Tunks					Ongoing`							



## Project Version Summary

<b>Project #</b>	ECP-041-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Corporate Projects, Right of Way & Administration
<b>Title</b>	New Infrastructure Development - Oversizing Infrastructure (Developer-related)		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b> 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.	<b>Version Description</b> Funding source for City's share of oversizing for anticipated developments.
<b>Project Comments/Reference</b> 7035119	<b>Version Comments</b>

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	272,500	272,500	0	5410	Construction Contracts - TCA											
2022	800,000	800,000	0		272,500	800,000	300,000	300,000	200,000	0	0	200,000	200,000	200,000	2,472,500	
2023	300,000	300,000	0		Total	272,500	800,000	300,000	300,000	200,000	0	0	200,000	200,000	200,000	2,472,500
2024	300,000	300,000	0	Revenues												
2025	200,000	200,000	0	028	Sewer Surcharge											
2026	0	0	0		0	0	0	300,000	200,000	0	0	200,000	200,000	200,000	1,100,000	
2027	0	0	0	169	Pay As You Go - Capital Reserve											
2028	200,000	200,000	0		272,500	800,000	300,000	0	0	0	0	0	0	0	1,372,500	
2029	200,000	200,000	0		Total	272,500	800,000	300,000	300,000	200,000	0	0	200,000	200,000	200,000	2,472,500
2030	200,000	200,000	0													
	<b>2,472,500</b>	<b>2,472,500</b>	<b>0</b>													
Historical Approved Budget																
		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												
				Effective Date	Description							Exp/(Rev)	FTE Impact			
				Unknown	No Operating Budget Impact.							0	0			
Year Identified	Start Date	Project Type for 2021		Project Lead					Est. Completion Date							
2007	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %		Pat Winters					Ongoing`							



# Project Version Summary

<b>Project #</b>	ENG-003-18	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Corporate Projects, Right of Way & Administration
<b>Title</b>	Sandwich Library		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Agencies, Boards and Committees (ABC's)		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
The construction of the new Sandwich Library is complete. Balance of project funding shown has been pre-committed.				CR768/2017 - C 223/2017 - Approved to secure Tender No. 100-17.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7159013				COMMITMENT: CR768/2017 - C 223/2017 - 2022 F169 \$500,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	5410 Construction Contracts - TCA												
2022	500,000	500,000	0	0 500,000 0 0 0 0 0 0 0 0 0 0 0 500,000												
2023	0	0	0	Total 0 500,000 0 0 0 0 0 0 0 0 0 0 0 500,000												
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169 Pay As You Go - Capital Reserve												
2026	0	0	0	0 0 0 0 0 0 0 0 0 0 0 0 0												
2027	0	0	0	169CF Committed Funding												
2028	0	0	0	0 500,000 0 0 0 0 0 0 0 0 0 0 0 500,000												
2029	0	0	0	Total 0 500,000 0 0 0 0 0 0 0 0 0 0 0 500,000												
2030	0	0	0													
	<b>500,000</b>	<b>500,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
				<b>Revenue</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2018	513,795	513,795	0													
2019	434,280	434,280	0													
2020	465,720	465,720	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2018	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Joe Dattilo	2020`												





# Project Version Summary

<b>Project #</b>	ENG-004-21	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Corporate Projects, Right of Way & Administration
<b>Title</b>	Airport Employment Lands		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Servicing the Airport Employment Lands provides lease opportunities.  The Cargo development has been complete for a few years and has seen additional land leases as a result. The existing private road is to be extended to connect to St Etienne Boulevard to the west. This will provide additional serviced land ready for lease and will relieve the traffic congestion currently experienced at Wheelton and Rhodes Drive.  The second area provides opportunity for leasable land north/east of County Road 42 at 8th Concession. The extension of servicing and roadway north and east provides various opportunities for leasable land.				Cargo Rd Extension to St. Etienne: \$800,000 for Engineering and Property Acquisition and \$3.3M for construction or a total of \$4.1M. Preliminary Engineering and Property Acquisition of \$400,000 is in 2024, remaining funding will be requested in future budgets requests  County Road 42/8th Concession: Phase 1 Engineering \$200,000 and Construction \$1.3M for a total of \$1.5M in 2024. Phase 2 – Engineering \$300,000 and Construction \$2.2M for a total of \$2.5M in future budget requests												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	5410 Construction Contracts - TCA												
2022	0	0	0		0	0	0	1,900,000	0	0	0	0	0	0	1,900,000	
2023	0	0	0	<b>Total</b>	0	0	0	1,900,000	0	0	0	0	0	0	1,900,000	
2024	1,900,000	1,900,000	0	<b>Revenues</b>												
2025	0	0	0	169 Pay As You Go - Capital Reserve												
2026	0	0	0		0	0	0	1,900,000	0	0	0	0	0	0	1,900,000	
2027	0	0	0	<b>Total</b>	0	0	0	1,900,000	0	0	0	0	0	0	1,900,000	
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>1,900,000</b>	<b>1,900,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
<b>Related Projects</b>																
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												

2021		Growth: 0.0 % Maintenance: 0.0 %	France Isabelle-Tunks	2030`
------	--	----------------------------------	-----------------------	-------



# Project Version Summary

<b>Project #</b>	ENG-014-20	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Corporate Projects, Right of Way & Administration
<b>Title</b>	Ojibway Wildlife Overpass		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
<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 completing a Municipal Class Environmental Assessment (EA) study for a proposed Wildlife Overpass over Ojibway Parkway in the City of Windsor. The EA identifies 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. The cost to design and construct the wildlife overpass is estimated at \$9.80M.</p> <p>To date, WDBA has funded \$250,000 for the study phase and the City may receive an additional 1,250,000 in funding from WDBA should the City commit to funding the balance of the project. The balance of the funding required for this project is estimated at \$8.55M which will be brought forward in future budget requests.</p> <p>Administration will continue to pursue funding grants.</p>

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7201005	COMMITMENT: B11/2020 - C 202/2019 - 2021 F169 \$30,000

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	250,000	250,000	0	5410	Construction Contracts - TCA											
2022	0	0	0		250,000	0	0	0	0	1,500,000	0	0	0	0	1,750,000	
2023	0	0	0		Total	250,000	0	0	0	1,500,000	0	0	0	0	1,750,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	1,500,000	1,500,000	0		220,000	0	0	0	0	1,500,000	0	0	0	0	1,720,000	
2027	0	0	0	169CF	Committed Funding											
2028	0	0	0		30,000	0	0	0	0	0	0	0	0	0	30,000	
2029	0	0	0	6735	Recovery Of Expenses EXTERNAL											
2030	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
	<b>1,750,000</b>	<b>1,750,000</b>	<b>0</b>		Total	250,000	0	0	0	1,500,000	0	0	0	0	1,750,000	

<b>Historical Approved Budget</b>	
-----------------------------------	--

<b>Related Projects</b>	<b>Operating Budget Impact</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2020	December 31, 2019	Growth: 100.0 % Maintenance: 0.0 %	Paul Mourad	December 2020`



# Project Version Summary

<b>Project #</b>	ENG-016-20	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Corporate Projects, Right of Way & Administration
<b>Title</b>	Kauth's Expansion Plan		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
The Private Roads Extensions is a component of the economic development of the Cargo Lands to service adjacent properties.				This project is complete pending funding allocation.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7181035				COMMITMENT: CR396/2019 - C 150/2019 - 2022 F169 \$1,175,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	5410 Construction Contracts - TCA												
2022	1,175,000	1,175,000	0	0 1,175,000 0 0 0 0 0 0 0 0 0 0 0 1,175,000												
2023	0	0	0	Total 0 1,175,000 0 0 0 0 0 0 0 0 0 0 0 1,175,000												
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169 Pay As You Go - Capital Reserve												
2026	0	0	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0												
2027	0	0	0	169CF Committed Funding												
2028	0	0	0	0 1,175,000 0 0 0 0 0 0 0 0 0 0 0 1,175,000												
2029	0	0	0	Total 0 1,175,000 0 0 0 0 0 0 0 0 0 0 0 1,175,000												
2030	0	0	0													
	<b>1,175,000</b>	<b>1,175,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2020	January 2, 2019	Growth: 0.0 % Maintenance: 0.0 %	France Isabelle-Tunks	2020`												



# Project Version Summary

<b>Project #</b>	ENG-027-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Corporate Projects, Right of Way & Administration
<b>Title</b>	Wyandotte Town Centre's World Marketplace Redevelopment - Phase 1		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	Ward 3, Ward 4		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan.				Project on hold pending results of "Theme Districting Initiative" project which is ongoing.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
				PLACEHOLDER: B8/2019 2017 Enhanced Capital Budget 5-year plan - 2024 F169 \$1,000,000.												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	5410 Construction Contracts - TCA												
2022	0	0	0	0 0 0 1,000,000 0 0 0 0 0 0 0 0 0 1,000,000												
2023	0	0	0	Total 0 0 0 1,000,000 0 0 0 0 0 0 0 0 0 1,000,000												
2024	1,000,000	1,000,000	0	<b>Revenues</b>												
2025	0	0	0	169 Pay As You Go - Capital Reserve												
2026	0	0	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0												
2027	0	0	0	169CF Committed Funding												
2028	0	0	0	0 0 0 1,000,000 0 0 0 0 0 0 0 0 0 1,000,000												
2029	0	0	0	Total 0 0 0 1,000,000 0 0 0 0 0 0 0 0 0 1,000,000												
2030	0	0	0													
	<b>1,000,000</b>	<b>1,000,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2017	January 23, 2017	Growth: 0.0 % Maintenance: 0.0 %	France Isabelle-Tunks	2024`												



# Project Version Summary

<b>Project #</b>	OPS-006-19	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Corporate Projects, Right of Way & Administration
<b>Title</b>	Food and Organic Waste Collection and Treatment		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				This will include evaluating service delivery options, best practices and recommend a direction moving forward. Additional funding requirements will be identified following the completion of this study.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7184005 (Initial Consultant review options specific to the City of Windsor)				COMMITMENT: CR463/2018 - S 105/2018- 2021 F169 \$65,000 - 2022 F169 \$20,000 CR506/2020, C194/2020- 2021 F169 \$100,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
				<b>Expenses</b>												
				2950	Other Prof Services-External											
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>													
		<b>Net City Cost</b>														
2021	165,000	165,000	0													
2022	20,000	20,000	0		165,000	20,000	0	0	0	0	0	0	0	0	185,000	
2023	0	0	0	Total	165,000	20,000	0	0	0	0	0	0	0	0	185,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0													
2027	0	0	0													
2028	0	0	0	169CF	Committed Funding											
2029	0	0	0													
2030	0	0	0		165,000	20,000	0	0	0	0	0	0	0	0	185,000	
	<b>185,000</b>	<b>185,000</b>	<b>0</b>	Total	165,000	20,000	0	0	0	0	0	0	0	0	185,000	
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>										<b>Exp/(Rev)</b>	<b>FTE Impact</b>
				Unknown	No Operating Budget Impact at the Consulting stage										0	0
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2019	September 1, 2018	Growth: 100.0 % Maintenance: 0.0 %		Anne Marie Albidone/ Stacey McGuire					2025							



# Project Version Summary

<b>Project #</b>	ECB-001-18	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	California/Pulford - Norfolk to Daytona		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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 is complete pending funding allocation.												
California Ave. and Pulford St. operate as contiguous roadways between Norfolk St. and Daytona Ave. This project involved full rehabilitation with the addition of curbs and gutters and sewers. A Local Improvement process was required for the curb and gutter and storm sewer on California Ave.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7184006				COMMITMENT: CR614/2018 - S 108/2018 - 2023 F221 \$50,000 CR4/2019 - C 217/2018 - 2023 F221 \$1,150,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>														
		<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	5410	Construction Contracts - TCA											
2022	0	0	0		0	0	1,200,000	0	0	0	0	0	0	0	1,200,000	
2023	1,200,000	1,200,000	0	Total	0	0	1,200,000	0	0	0	0	0	0	0	1,200,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	221CF	Committed Funding											
2026	0	0	0		0	0	1,200,000	0	0	0	0	0	0	0	1,200,000	
2027	0	0	0	Total	0	0	1,200,000	0	0	0	0	0	0	0	1,200,000	
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>1,200,000</b>	<b>1,200,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Ian Wilson					2020`							



# Project Version Summary

<b>Project #</b>	ECB-006-18	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Crawford Ave. - Wyandotte to Tecumseh - Engineering		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				2029: Engineering/Utility Relocation/Construction - \$1,000,000 2030: Engineering/Utility Relocation/Construction - \$2,000,000 2031+: Construction - \$43,750,000												
This project, Crawford Avenue from Wyandotte St W to Tecumseh Rd W, will include the separation of sewer, the reconstruction of the cross section with the addition of sidewalks and the bike lanes and the review of the utilities.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7183005																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>	5410 Construction Contracts - TCA												
2021	0	0	0	0	0	0	0	0	0	0	0	0	1,000,000	2,000,000	3,000,000	
2022	0	0	0	0	0	0	0	0	0	0	0	0	1,000,000	2,000,000	3,000,000	
2023	0	0	0	<b>Total</b>												
2024	0	0	0	0	0	0	0	0	0	0	0	0	1,000,000	2,000,000	3,000,000	
2025	0	0	0	<b>Revenues</b>												
2026	0	0	0	028 Sewer Surcharge												
2027	0	0	0	0	0	0	0	0	0	0	0	0	500,000	500,000	1,000,000	
2028	0	0	0	221 Service Sustainability Investm												
2029	1,000,000	1,000,000	0	0	0	0	0	0	0	0	0	0	500,000	1,500,000	2,000,000	
2030	2,000,000	2,000,000	0	<b>Total</b>												
	<b>3,000,000</b>	<b>3,000,000</b>	<b>0</b>	0	0	0	0	0	0	0	0	0	1,000,000	2,000,000	3,000,000	
<b>Historical Approved Budget</b>																
				<b>Revenue</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2020	250,000	250,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												

2018	March 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Fahd Mikhael	TBD`
------	---------------	----------------------------------	--------------	------



# Project Version Summary

<b>Project #</b>	ECB-017-18	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Pillette Rd. - Seminole to VIA Tracks - Reconstruction (Phases 1 & 2)		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 5, Ward 8		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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 is complete pending funding allocation.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7182003				COMMITMENT: CR507/2018 - S 138/2018 - 2023 F221 \$950,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>	5410 Construction Contracts - TCA												
2021	0	0	0													
2022	0	0	0				950,000	0	0	0	0	0	0	0	950,000	
2023	950,000	950,000	0				950,000	0	0	0	0	0	0	0	950,000	
2024	0	0	0													
2025	0	0	0													
2026	0	0	0													
2027	0	0	0													
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>950,000</b>	<b>950,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>				<b>Revenues</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		221CF Committed Funding												
		<b>Net City Cost</b>	<b>Subsidies</b>													
2018	50,000	50,000	0				950,000	0	0	0	0	0	0	0	950,000	
							950,000	0	0	0	0	0	0	0	950,000	
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>				<b>Est. Completion Date</b>									
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Abdelkhalek Omar				2020`									



# Project Version Summary

<b>Project #</b>	ECB-034-18	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Byng Rd. - Lappan to Melinda - Reconstruction		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				Construction underway with completion anticipated spring 2021												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7182004				COMMITMENT: CR4/2019 - C 217/2018 - 2023 F221 \$650,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>														
		<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0													
2022	0	0	0													
2023	650,000	650,000	0													
2024	0	0	0													
2025	0	0	0													
2026	0	0	0													
2027	0	0	0													
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>650,000</b>	<b>650,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>														
		<b>Net City Cost</b>	<b>Subsidies</b>													
2018	128,000	128,000	0													
2019	600,000	600,000	0													
2020	2,000	2,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Adam Mourad	2021`												



# Project Version Summary

<b>Project #</b>	ECB-035-18	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Riverside Dr. Vista Intersection - Devonshire and Riverside		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 4		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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 is complete pending funding allocation												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7185001				COMMITMENT: CR123/2018 - C 20/2018 - 2022 F169 \$1,000,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	5410 Construction Contracts - TCA												
2022	1,000,000	1,000,000	0	0 1,000,000 0 0 0 0 0 0 0 0 0 1,000,000												
2023	0	0	0	Total 0 1,000,000 0 0 0 0 0 0 0 0 0 1,000,000												
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169CF Committed Funding												
2026	0	0	0	0 1,000,000 0 0 0 0 0 0 0 0 0 1,000,000												
2027	0	0	0	Total 0 1,000,000 0 0 0 0 0 0 0 0 0 1,000,000												
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
<b>1,000,000</b>				<b>1,000,000</b>												
<b>0</b>																
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2018	March 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Paul Mourad	2020`												



# Project Version Summary

<b>Project #</b>	ECP-001-10	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Upper Little River Stormwater Management Plan and Implementation		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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.  Note: Project estimate includes cost for land acquisitions.	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 2028: Phased Engineering / Property Acquisition / Construction - \$1,500,000 2029: Phased Engineering / Property Acquisition / Construction - \$1,500,000 2030: Phased Engineering / Property Acquisition / Construction - \$1,500,000 2031+: Phased Engineering / Property Acquisition / Construction - \$225,000,000

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7076102/7155000 (closed)	

<b>Project Forecast</b>	<b>Project Detailed Forecast</b>														
	<b>Revenue</b>			<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>											
2021	500,000	500,000	0	2915 Consulting Services - External											
2022	1,000,000	1,000,000	0		0	1,000,000	0	0	0	0	0	0	0	0	1,000,000
2023	2,000,000	2,000,000	0	5210 Land Acquisition											
2024	3,000,000	3,000,000	0		500,000	0	0	0	0	0	0	0	0	0	500,000
2025	0	0	0	5410 Construction Contracts - TCA											
2026	0	0	0		0	0	2,000,000	3,000,000	0	0	0	1,500,000	1,500,000	1,500,000	9,500,000
2027	0	0	0	<b>Total</b>	500,000	1,000,000	2,000,000	3,000,000	0	0	0	1,500,000	1,500,000	1,500,000	11,000,000
2028	1,500,000	1,500,000	0	<b>Revenues</b>											
2029	1,500,000	1,500,000	0	028 Sewer Surcharge											
2030	1,500,000	1,500,000	0		0	0	0	0	0	0	0	1,500,000	1,500,000	1,500,000	4,500,000
	<b>11,000,000</b>	<b>11,000,000</b>	<b>0</b>	117 Dev Chg - Storm & Drains											
					500,000	1,000,000	2,000,000	3,000,000	0	0	0	0	0	0	6,500,000
				<b>Total</b>	500,000	1,000,000	2,000,000	3,000,000	0	0	0	1,500,000	1,500,000	1,500,000	11,000,000

<b>Historical Approved Budget</b>	<b>Revenue</b>		
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>
2015	250,000	250,000	0
2018	500,000	500,000	0
2020	500,000	500,000	0

<b>Related Projects</b>	<b>Operating Budget Impact</b>		
	<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b> <b>FTE Impact</b>
	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 2021	Project Lead	Est. Completion Date
2010	January 1, 2018	Growth: 100.0 % Maintenance: 0.0 %	Anna Godo	2028 & Beyond



# Project Version Summary

<b>Project #</b>	ECP-002-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Provincial Rd./Division Rd. Corridor Infrastructure Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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.</p>	<p>Provincial/Division Corridor Improvements:            Note: Estimates do not include utilities, land acquisition for future phases 5 &amp; 7.            2021: Detailed design for Phase 3-4 on Provincial between 6th Concession Road and Walker Road, Complete land acquisition utility relocation for Phase 3 &amp; 4, continue construction for North Roseland pump station, Stormwater Facility in the Captain Wilson Park and 6th Concession Drain crossing Provincial Road - \$2,000,000            2025: Phase 3A - Storm Sewer and watermain construction (6th Concession Drain to 6th Concession Road) - \$5,950,000            2026: Phase 3A construction continued and start Phase 3B construction - \$1,000,000            2027: Phase 3A construction continued and start Phase 3B construction - \$3,050,000                Phase 3B Provincial-Sixth Concession intersection and 6th Concession between Cabana and CN Railway (continued) - \$2,051,000            2028: Phase 3B Provincial-Sixth Concession intersection and 6th Concession between Cabana and CN Railway (continued) - \$4,949,000                - Provincial Road from Lone Pine to Lowes intersection - \$591,000            2029: Phase 4A - Provincial Road from Lone Pine to Lowes intersection - \$5,909,000                Phase 4A - Provincial Road from east of Lowes intersection to Walker Road - \$951,000            2030: Phase 4B - Provincial Road from east of Lowes intersection to Walker Road - \$4,905,000            2031: Phase 4B - Provincial Road from east of Lowes intersection to Walker Road - \$94,000</p> <p>Note: Pre-commitment approval is required if project schedule to be advanced to allow the continuous construction for Phase 3-4</p>
<p><b>Project Comments/Reference</b> 7086003</p>	<p><b>Version Comments</b>            Significant Comments - 7 on Provincial/Division north of Cabana - \$1,000,000            COMMITMENT:            CR522/2020, C 199/2020- \$1,625,000 F117 2021, \$375,000 F115 2021</p>

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	2,000,000	2,000,000	0	5410	Construction Contracts - TCA											
2022	0	0	0		2,000,000	0	0	0	5,950,000	1,000,000	5,101,000	5,540,000	6,860,000	4,905,000	31,356,000	
2023	0	0	0		Total	2,000,000	0	0	0	5,950,000	1,000,000	5,101,000	5,540,000	6,860,000	4,905,000	31,356,000
2024	0	0	0			0										
2025	5,950,000	5,950,000	0	Revenues												
2026	1,000,000	1,000,000	0	115	Dev Chg - Roads & Related											
2027	5,101,000	5,101,000	0		0	0	0	0	0	0	0	0	0	0	0	
2028	5,540,000	5,540,000	0	115CF	Committed Funding											
2029	6,860,000	6,860,000	0		375,000	0	0	0	0	0	0	0	0	0	375,000	
2030	4,905,000	4,905,000	0	117	Dev Chg - Storm & Drains											
	<b>31,356,000</b>	<b>31,356,000</b>	<b>0</b>		0	0	0	0	500,000	0	0	0	0	0	500,000	
				117CF	Committed Funding											
					1,625,000	0	0	0	0	0	0	0	0	0	1,625,000	
				169	Pay As You Go - Capital Reserve											
					0	0	0	0	3,815,000	700,000	3,482,600	2,670,000	3,730,000	3,025,000	17,422,600	
				221	Service Sustainability Investm											
					0	0	0	0	1,635,000	300,000	1,618,400	2,870,000	3,130,000	1,880,000	11,433,400	
					Total	2,000,000	0	0	0	5,950,000	1,000,000	5,101,000	5,540,000	6,860,000	4,905,000	31,356,000
						0										

  

Historical Approved Budget				Operating Budget Impact									
		Revenue		Effective Date	Description	Exp/(Rev)	FTE Impact						
Year	Total Expense	Net City Cost	Subsidies										
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										
2020	1,850,000	1,850,000	0										

  

Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2008	January 1, 2009	Growth: 94.4 % Maintenance: 5.6 %	Jane He	2028 & Beyond



# Project Version Summary

<b>Project #</b>	ECP-002-10	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Banwell Rd. Infrastructure Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 7, Ward 9		
<b>Version Name</b>	Main (Active)		

Project Description				Version Description																																																																																																																																																																																																																																																											
<p>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 Expresswayscheduled to be constructed after 2031.            In 2020, design of Phase 1 &amp; Phase 2 have been completed.            Construction commenced on Phase 1 (Tecumseh to Palmetto).</p>				<p>2021: Engineering – Banwell/Mulberry Roundabout - \$200,000            2022: Construction – Banwell - Tecumseh to and including Palmetto intersection - \$500,000            2023: Construction – Banwell - Tecumseh to and including Palmetto intersection - \$70,000            2024: Construction – Banwell - Tecumseh to and including Palmetto intersection - \$2,100,000            2026: Land Acquisition/Utility Relocation/Construction - \$4,899,000            2031+: Engineering/Land Acquisition/Utility Relocation/Construction - \$8,101,000</p> <p>Design - Banwell / EC Row interchange            Property Acquisition - Banwell / EC Row interchange            Utility Relocation - Banwell / EC Row interchange            Construction - Banwell / EC Row interchange</p>																																																																																																																																																																																																																																																											
Project Comments/Reference				Version Comments																																																																																																																																																																																																																																																											
7171077				<p>Construction - Banwell / EC Row interchange            Construction - Banwell / EC Row interchange            CR201/2017 - C 49/2017 - 2021 F169 \$120,000 - 2021 F221 \$80,000            CR385/2019 - C 132/2019 - 2022 F169 \$230,000 - 2022 F221 \$270,000 - 2023 F169 \$42,000 - 2022 F221 \$28,000 - 2024 F169 \$1,285,000 - 2024 F221 \$815,000</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>2021</td><td>200,000</td><td>200,000</td><td>0</td></tr> <tr><td>2022</td><td>500,000</td><td>500,000</td><td>0</td></tr> <tr><td>2023</td><td>70,000</td><td>70,000</td><td>0</td></tr> <tr><td>2024</td><td>2,100,000</td><td>2,100,000</td><td>0</td></tr> <tr><td>2025</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2026</td><td>4,899,000</td><td>4,899,000</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>2029</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2030</td><td>0</td><td>0</td><td>0</td></tr> <tr><td><b>Total</b></td><td><b>7,769,000</b></td><td><b>7,769,000</b></td><td><b>0</b></td></tr> </tbody> </table>						Revenue		Year	Total Expense	Net City Cost	Subsidies	2021	200,000	200,000	0	2022	500,000	500,000	0	2023	70,000	70,000	0	2024	2,100,000	2,100,000	0	2025	0	0	0	2026	4,899,000	4,899,000	0	2027	0	0	0	2028	0	0	0	2029	0	0	0	2030	0	0	0	<b>Total</b>	<b>7,769,000</b>	<b>7,769,000</b>	<b>0</b>	<table border="1"> <thead> <tr> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="13"><b>Expenses</b></td> </tr> <tr> <td>5410</td> <td colspan="12">Construction Contracts - TCA</td> </tr> <tr> <td></td> <td>200,000</td> <td>500,000</td> <td>70,000</td> <td>2,100,000</td> <td>0</td> <td>4,899,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>7,769,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>200,000</b></td> <td><b>500,000</b></td> <td><b>70,000</b></td> <td><b>2,100,000</b></td> <td><b>0</b></td> <td><b>4,899,000</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>7,769,000</b></td> </tr> <tr> <td colspan="13"><b>Revenues</b></td> </tr> <tr> <td>169</td> <td colspan="12">Pay As You Go - Capital Reserve</td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2,939,400</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2,939,400</td> </tr> <tr> <td>169CF</td> <td colspan="12">Committed Funding</td> </tr> <tr> <td></td> <td>120,000</td> <td>230,000</td> <td>42,000</td> <td>1,285,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,677,000</td> </tr> <tr> <td>221</td> <td colspan="12">Service Sustainability Investm</td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,959,600</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,959,600</td> </tr> <tr> <td>221CF</td> <td colspan="12">Committed Funding</td> </tr> <tr> <td></td> <td>80,000</td> <td>270,000</td> <td>28,000</td> <td>815,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,193,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>200,000</b></td> <td><b>500,000</b></td> <td><b>70,000</b></td> <td><b>2,100,000</b></td> <td><b>0</b></td> <td><b>4,899,000</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>7,769,000</b></td> </tr> </tbody> </table>													GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>													5410	Construction Contracts - TCA													200,000	500,000	70,000	2,100,000	0	4,899,000	0	0	0	0	7,769,000	<b>Total</b>	<b>200,000</b>	<b>500,000</b>	<b>70,000</b>	<b>2,100,000</b>	<b>0</b>	<b>4,899,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,769,000</b>	<b>Revenues</b>													169	Pay As You Go - Capital Reserve													0	0	0	0	0	2,939,400	0	0	0	0	2,939,400	169CF	Committed Funding													120,000	230,000	42,000	1,285,000	0	0	0	0	0	0	1,677,000	221	Service Sustainability Investm													0	0	0	0	0	1,959,600	0	0	0	0	1,959,600	221CF	Committed Funding													80,000	270,000	28,000	815,000	0	0	0	0	0	0	1,193,000	<b>Total</b>	<b>200,000</b>	<b>500,000</b>	<b>70,000</b>	<b>2,100,000</b>	<b>0</b>	<b>4,899,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,769,000</b>
		Revenue																																																																																																																																																																																																																																																													
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																																																												
2021	200,000	200,000	0																																																																																																																																																																																																																																																												
2022	500,000	500,000	0																																																																																																																																																																																																																																																												
2023	70,000	70,000	0																																																																																																																																																																																																																																																												
2024	2,100,000	2,100,000	0																																																																																																																																																																																																																																																												
2025	0	0	0																																																																																																																																																																																																																																																												
2026	4,899,000	4,899,000	0																																																																																																																																																																																																																																																												
2027	0	0	0																																																																																																																																																																																																																																																												
2028	0	0	0																																																																																																																																																																																																																																																												
2029	0	0	0																																																																																																																																																																																																																																																												
2030	0	0	0																																																																																																																																																																																																																																																												
<b>Total</b>	<b>7,769,000</b>	<b>7,769,000</b>	<b>0</b>																																																																																																																																																																																																																																																												
GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																																																				
<b>Expenses</b>																																																																																																																																																																																																																																																															
5410	Construction Contracts - TCA																																																																																																																																																																																																																																																														
	200,000	500,000	70,000	2,100,000	0	4,899,000	0	0	0	0	7,769,000																																																																																																																																																																																																																																																				
<b>Total</b>	<b>200,000</b>	<b>500,000</b>	<b>70,000</b>	<b>2,100,000</b>	<b>0</b>	<b>4,899,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,769,000</b>																																																																																																																																																																																																																																																				
<b>Revenues</b>																																																																																																																																																																																																																																																															
169	Pay As You Go - Capital Reserve																																																																																																																																																																																																																																																														
	0	0	0	0	0	2,939,400	0	0	0	0	2,939,400																																																																																																																																																																																																																																																				
169CF	Committed Funding																																																																																																																																																																																																																																																														
	120,000	230,000	42,000	1,285,000	0	0	0	0	0	0	1,677,000																																																																																																																																																																																																																																																				
221	Service Sustainability Investm																																																																																																																																																																																																																																																														
	0	0	0	0	0	1,959,600	0	0	0	0	1,959,600																																																																																																																																																																																																																																																				
221CF	Committed Funding																																																																																																																																																																																																																																																														
	80,000	270,000	28,000	815,000	0	0	0	0	0	0	1,193,000																																																																																																																																																																																																																																																				
<b>Total</b>	<b>200,000</b>	<b>500,000</b>	<b>70,000</b>	<b>2,100,000</b>	<b>0</b>	<b>4,899,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,769,000</b>																																																																																																																																																																																																																																																				
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>2020</td> <td>3,050,000</td> <td>3,050,000</td> <td>0</td> </tr> </tbody> </table>						Revenue		Year	Total Expense	Net City Cost	Subsidies	2020	3,050,000	3,050,000	0																																																																																																																																																																																																																																																
		Revenue																																																																																																																																																																																																																																																													
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																																																												
2020	3,050,000	3,050,000	0																																																																																																																																																																																																																																																												

Related Projects		Operating Budget Impact			
Precedes	Project Title	Effective Date	Description	Exp/(Rev)	FTE Impact
ECP-009-07	Intersection Improvements Program	Unknown	Depending on the final design, there may be additional road maintenance costs.	0	0
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date	
2010	January 1, 2020	Growth: 60.0 % Maintenance: 40.0 %	Tiffany Pocock	2028 & Beyond	



# Project Version Summary

<b>Project #</b>	ECP-003-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Grand Marais Rd. Infrastructure Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 10		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				2028: Construction, Parent to Walker - \$2,000,000 2029: Construction, Parent to Walker - \$2,000,000 2030: Construction, Parent to Walker - \$2,000,000 2031+: Construction, Parent to Walker - \$11,290,000												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7031012 Closed/7141017				Construction, Howard to Parent - \$4,700,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>	5410	Construction Contracts - TCA											
2021	0	0	0		0	0	0	0	0	0	0	2,000,000	2,000,000	2,000,000	6,000,000	
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	2,000,000	2,000,000	0													
2029	2,000,000	2,000,000	0													
2030	2,000,000	2,000,000	0													
	<b>6,000,000</b>	<b>6,000,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>				<b>Revenues</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		169	Pay As You Go - Capital Reserve											
2014	375,000	375,000	0		0	0	0	0	0	0	0	2,000,000	2,000,000	2,000,000	6,000,000	
2017	60,000	60,000	0													
2018	340,000	340,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>										<b>Exp/(Rev)</b>	<b>FTE Impact</b>
				Unknown	Depending on the final design, there may be additional road maintenance costs.									0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2007	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Adam Mourad	2028 & Beyond'												



# Project Version Summary

<b>Project #</b>	ECP-003-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Howard Avenue Corridor Infrastructure Improvements- S Cameron Boulevard to Herb Gray Parkway		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 1, Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
This project relates to improvements on Howard Avenue from South Cameron Boulevard south to the Herb Gray Parkway. Two environmental assessments have been completed for this section of Howard Avenue, 1) The Howard Avenue ESR – 2003, and more recently 2) The Central Box Study Area - 2017.  Improvements to this section of Howard Avenue are required in order to improve existing conditions as well as support growth in the area.	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: Construction – South Cameron/Howard intersection realignment - \$2,798,000 2027: Construction – South Cameron/Howard intersection realignment - \$5,368,000 2028: Engineering design and construction – Kenilworth to Cabana - \$2,200,000 2029: Construction – Kenilworth to Cabana - \$2,000,000 2030: Construction – Kenilworth to Cabana - \$2,700,000 2031+: Phased Construction - \$51,000,000

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7096001	COMMITMENT: CR269/2020 - IN-CAMERA - 2023 F169 \$100,000 - 2024 F176 \$2,334,000- 2024 F169 \$500,000

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	2915 Consulting Services - External	0	0	0	0	0	0	0	0	500,000	0	500,000	
2022	50,000	50,000	0	5210 Land Acquisition	0	50,000	0	0	0	0	0	0	0	0	50,000	
2023	100,000	100,000	0	5410 Construction Contracts - TCA	0	0	100,000	2,834,000	0	2,798,000	5,368,000	2,200,000	1,500,000	2,700,000	17,500,000	
2024	2,834,000	2,834,000	0	Total	0	50,000	100,000	2,834,000	0	2,798,000	5,368,000	2,200,000	2,000,000	2,700,000	18,050,000	
2025	0	0	0	<b>Revenues</b>												
2026	2,798,000	2,798,000	0	169 Pay As You Go - Capital Reserve	0	35,000	0	0	0	2,092,400	5,368,000	2,200,000	2,000,000	2,700,000	14,395,400	
2027	5,368,000	5,368,000	0	169CF Committed Funding	0	0	100,000	500,000	0	0	0	0	0	0	600,000	
2028	2,200,000	2,200,000	0	176 Federal Gas Tax Rebate	0	0	0	0	0	0	0	0	0	0	0	
2029	2,000,000	2,000,000	0	176CF Committed Funding	0	0	0	2,334,000	0	0	0	0	0	0	2,334,000	
2030	2,700,000	2,700,000	0	221 Service Sustainability Investm	0	15,000	0	0	0	705,600	0	0	0	0	720,600	
<b>18,050,000</b>	<b>18,050,000</b>	<b>0</b>		Total	0	50,000	100,000	2,834,000	0	2,798,000	5,368,000	2,200,000	2,000,000	2,700,000	18,050,000	

<b>Historical Approved Budget</b>			
<b>Revenue</b>			
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>
2009	150,000	150,000	0
2020	350,000	350,000	0





## Project Version Summary

<b>Project #</b>	ECP-003-09	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Cabana Road Infrastructure Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 1, Ward 9		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>Improvements on Cabana Road are required as a result of traffic growth, development of surrounding neighbourhoods and intensification. The Environmental Study Report was approved in 2008.</p> <p>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.</p>	<p>2021: Engineering, Land Acquisition and Construction (continued) - Dominion to Dougall ;            – Dominion to Highway 3 - \$7,779,841</p> <p>2022: Construction – Glenwood to Highway 3 - \$6,045,060</p> <p>Engineering, Land Acquisition and Construction</p> <p>2023: Construction – Glenwood to Highway 3 (continued);            Engineering, Land Acquisition and Construction, Provincial to Walker, \$1,291,746</p> <p>2024: Construction – Provincial to Walker - \$3,765,980</p> <p>2025: Construction (continued) – Provincial to Walker - \$3,849,659</p> <p>Land Acquisition and Utility relocation</p> <p>2028-2030: Completion of final section between Provincial to Walker - \$2,700,000</p>
Project Comments/Reference	Version Comments
<p>(7092005 Closed)/7152001</p>	<p>COMMITMENT:            CR234/2015 - R18030 - 2021 F028 \$2,881,372 - 2021 F169 \$1,587,685 - 2021 F221 \$1,587,685 - 2022 F028 \$1,369,690 - 2022 F169 \$1,587,685 - 2020 F221 \$1,587,685 - 2023 F028 \$677,190 - 2023 F169 \$307,278 - 2023 F221 \$1,280,407 - 2024 F028 \$590,610 - 2024 F169 \$1,587,685 - 2024 F221 \$1,587,685 - 2025 F028 \$674,308 - 2025 F169 \$1,587,676 - 2025 F221 \$1,587,675</p> <p>CR319/2019 - C 115/2019 - 2022 F169 \$750,000 - 2022 F221 \$750,000</p> <p>CR248/2019 C 79/2019 ICIP Public Transit Grant (ICIP-WIN-008) This grant will require \$12,208,058 of prior years approved funding.</p>

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	7,779,841	6,056,742	1,723,099	5410	Construction Contracts - TCA											
2022	6,045,060	6,045,060	0		7,779,841	6,045,060	1,291,746	3,765,980	3,849,659	0	0	450,000	450,000	1,800,000	25,432,286	
2023	1,291,746	1,291,746	0		Total	7,779,841	6,045,060	1,291,746	3,765,980	3,849,659	0	0	450,000	450,000	1,800,000	25,432,286
2024	3,765,980	3,765,980	0													
2025	3,849,659	3,849,659	0		Revenues											
2026	0	0	0	028	Sewer Surcharge											
2027	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0
2028	450,000	450,000	0	028CF	Committed Funding											
2029	450,000	450,000	0		2,881,372	1,369,690	677,190	590,610	674,308	0	0	0	0	0	6,193,170	
2030	1,800,000	1,800,000	0	169	Pay As You Go - Capital Reserve											
	<b>25,432,286</b>	<b>23,709,187</b>	<b>1,723,099</b>		0	0	0	0	0	0	0	450,000	450,000	450,000	1,350,000	
<b>Historical Approved Budget</b>				169CF	Committed Funding											
					1,587,685	2,337,685	307,278	1,587,685	1,587,676	0	0	0	0	0	7,408,009	
				221	Service Sustainability Investm											
					0	0	0	0	0	0	0	0	0	1,350,000	1,350,000	
				221CF	Committed Funding											
2009	200,000	200,000	0		1,587,685	2,337,685	307,278	1,587,685	1,587,675	0	0	0	0	0	7,408,008	
2015	125,000	125,000	0	6310	Ontario Specific Grants											
2016	3,612,000	3,612,000	0		783,184	0	0	0	0	0	0	0	0	0	783,184	
2017	6,468,000	6,468,000	0	6320	Canada Specific Grants											
2018	4,060,000	3,735,000	325,000		939,915	0	0	0	0	0	0	0	0	0	939,915	
2019	3,830,325	3,830,325	0		Total	7,779,841	6,045,060	1,291,746	3,765,980	3,849,659	0	0	450,000	450,000	1,800,000	25,432,286
2020	6,319,674	6,319,674	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Follows</b>	<b>Project Title</b>			<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
ECP-027-07	Lennon Drain Improvements			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		
ENG-002-18	Asphalt Pavement Widening - Malden Rd./South Cameron Blvd.															
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2009	January 1, 2016	Growth: 50.0 % Maintenance: 50.0 %		Jane He				2024`								



# Project Version Summary

<b>Project #</b>	ECP-004-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Walker Rd. Infrastructure Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 5, Ward 9, Ward 10		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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: Engineering and Property Acquisition – Calderwood to Airport Road - \$1,400,000 2029: Engineering and Property Acquisition – Foster to Calderwood - \$1,400,000 2030: Engineering and Property Acquisition – Temple Drive Extension - \$1,400,000 2031+: Construction – Calderwood Avenue to Airport Road, Construction – Foster Avenue to Calderwood Avenue, Temple Drive Extension  Remaining portions of this project include the construction of Temple Drive to Walker Road, including railway grade separation and storm sewer to west of Byng Road, and the section of Walker Road from Foster Avenue to Airport Road.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7092016 ISF, 7104001	

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		Revenue		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>											
2021	0	0	0	5410	Construction Contracts - TCA										
2022	0	0	0		0	0	0	0	0	0	0	1,400,000	1,400,000	1,400,000	4,200,000
2023	0	0	0		0	0	0	0	0	0	0	1,400,000	1,400,000	1,400,000	4,200,000
2024	0	0	0		0	0	0	0	0	0	0	1,400,000	1,400,000	1,400,000	4,200,000
2025	0	0	0	<b>Revenues</b>											
2026	0	0	0	169	Pay As You Go - Capital Reserve										
2027	0	0	0		0	0	0	0	0	0	0	500,000	500,000	500,000	1,500,000
2028	1,400,000	1,400,000	0	221	Service Sustainability Investm										
2029	1,400,000	1,400,000	0		0	0	0	0	0	0	0	900,000	900,000	900,000	2,700,000
2030	1,400,000	1,400,000	0		0	0	0	0	0	0	0	1,400,000	1,400,000	1,400,000	4,200,000
	<b>4,200,000</b>	<b>4,200,000</b>	<b>0</b>		0	0	0	0	0	0	0	1,400,000	1,400,000	1,400,000	4,200,000

<b>Historical Approved Budget</b>			
		Revenue	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>
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		
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date	
2007	January 1, 2007	Growth: 0.0 % Maintenance: 0.0 %	Andrew Dowie	2028 & Beyond	
			Effective Date	Description	Exp/(Rev) FTE Impact
			Unknown	The addition of new roads and storm sewers will address road capacity and drainage needs but will create new maintenance obligations and associated costs.	0 0



## Project Version Summary

<b>Project #</b>	ECP-004-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Municipal Drains Capital Rehabilitation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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.</p> <p>As confirmed under the City of Windsor Act, 1968 and CR388/2007, City Council finances municipal drain maintenance to the general tax levy and/or to the sewer surcharge levy rather than through special assessment to benefiting property owners as permitted by the Drainage Act. The majority of current funding is raised through the sewer surcharge levy. In order to maintain existing municipal drains and to update Drainage Engineer reports on a minimum 70 year cycle, sustained investments in their maintenance are required.</p>	<p>Municipal Drains:</p> <p>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            2029: Drainage Engineer Reports and maintenance as required - \$450,000            2030: Drainage Engineer Reports and maintenance as required - \$450,000</p>
Project Comments/Reference	Version Comments
7086004	

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	545,000	545,000	0	2950	Other Prof Services-External											
2022	250,000	250,000	0		545,000	250,000	419,000	250,000	336,000	500,000	500,000	0	450,000	450,000	3,700,000	
2023	419,000	419,000	0		Total	545,000	250,000	419,000	250,000	336,000	500,000	500,000	0	450,000	450,000	3,700,000
2024	250,000	250,000	0	Revenues												
2025	336,000	336,000	0	028	Sewer Surcharge											
2026	500,000	500,000	0		200,000	250,000	250,000	250,000	250,000	500,000	500,000	0	450,000	450,000	3,100,000	
2027	500,000	500,000	0	221	Service Sustainability Investm											
2028	0	0	0		345,000	0	169,000	0	86,000	0	0	0	0	0	600,000	
2029	450,000	450,000	0		Total	545,000	250,000	419,000	250,000	336,000	500,000	500,000	0	450,000	450,000	3,700,000
2030	450,000	450,000	0													
	<b>3,700,000</b>	<b>3,700,000</b>	<b>0</b>													
Historical Approved Budget																
		Revenue														
Year	Total Expense	Net City Cost	Subsidies													
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													
2020	200,000	200,000	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 2021		Project Lead					Est. Completion Date							
2008	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %		Andrew Dowie					Ongoing`							



## Project Version Summary

<b>Project #</b>	ECP-004-09	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Stormwater and Sanitary Master Plan Development		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>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.</p>	<p><b>Version Description</b></p> <p>This project is complete pending funding allocation</p>
<p><b>Project Comments/Reference</b></p> <p>7124000</p>	<p><b>Version Comments</b></p> <p>COMMITMENT: CR660/2017 - C 193/2017 - 2022 F028 \$250,000 - 2023 F028 \$250,000</p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	0	0	0	2951	INTERNAL Service Salary Allocn										
2022	250,000	250,000	0		0	250,000	250,000	0	0	0	0	0	0	0	500,000
2023	250,000	250,000	0		Total	0	250,000	250,000	0	0	0	0	0	0	500,000
2024	0	0	0	Revenues											
2025	0	0	0	028	Sewer Surcharge										
2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	028CF	Committed Funding										
2028	0	0	0		0	250,000	250,000	0	0	0	0	0	0	0	500,000
2029	0	0	0		Total	0	250,000	250,000	0	0	0	0	0	0	500,000
2030	0	0	0												
	<b>500,000</b>	<b>500,000</b>	<b>0</b>												
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												
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 2021	Project Lead	Est. Completion Date											
2009	January 1, 2013	Growth: 0.0 % Maintenance: 0.0 %	Anna Godo	2023`											



# Project Version Summary

<b>Project #</b>	ECP-005-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Tecumseh Rd. E. Infrastructure Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 7, Ward 8		
<b>Version Name</b>	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.				2021: Stormwater study, Little River to Banwell Rd - \$50,000 2022: Design – Tecumseh Rd. E. / Forest Glade Dr. intersection - \$500,000 2025: Land Acquisition/Utility Relocation - \$500,000 2026: Land Acquisition/Utility Relocation - \$1,075,000 2027: Construction – Tecumseh Rd / Forest Glade Intersection – \$1,125,000 2028: Construction – Tecumseh Rd / Forest Glade Intersection – \$1,000,000 2029: Construction – Tecumseh Rd / Forest Glade Intersection – \$1,000,000 2030: Construction – Tecumseh Rd / Forest Glade Intersection – \$1,000,000 2031+: Construction – Tecumseh Rd / Forest Glade Intersection plus Design, Land Acquisition and Construction of remainder of Tecumseh Rd EA and Little River Bridge - \$65,000,000												
Project Comments/Reference				Version Comments												
7092017 ISF 7191037				COMMITMENT: CR493/2019 - C 165/2019 - 2021 F115 \$50,000 B4/2019 - C 37/2019 - 2022 F169 \$375,000 - 2022 F221 \$125,000												
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	50,000	50,000	0	5210	Land Acquisition											
2022	500,000	500,000	0			0	500,000	0	0	0	0	0	0	0	0	500,000
2023	0	0	0	5410	Construction Contracts - TCA											
2024	0	0	0			50,000	0	0	500,000	1,075,000	1,125,000	1,000,000	1,000,000	1,000,000	5,750,000	
2025	500,000	500,000	0	Total		50,000	500,000	0	500,000	1,075,000	1,125,000	1,000,000	1,000,000	1,000,000	6,250,000	
2026	1,075,000	1,075,000	0	Revenues												
2027	1,125,000	1,125,000	0	115	Dev Chg - Roads & Related											
2028	1,000,000	1,000,000	0			0	0	0	0	0	0	0	0	0	0	
2029	1,000,000	1,000,000	0	115CF	Committed Funding											
2030	1,000,000	1,000,000	0			50,000	0	0	0	0	0	0	0	0	50,000	
	<b>6,250,000</b>	<b>6,250,000</b>	<b>0</b>	169	Pay As You Go - Capital Reserve											
						0	0	0	375,000	375,000	375,000	100,000	100,000	100,000	1,425,000	
				169CF	Committed Funding											
						0	375,000	0	0	0	0	0	0	0	375,000	
				221	Service Sustainability Investm											
						0	0	0	125,000	700,000	750,000	900,000	900,000	900,000	4,275,000	
				221CF	Committed Funding											
						0	125,000	0	0	0	0	0	0	0	125,000	
				Total		50,000	500,000	0	0	500,000	1,075,000	1,125,000	1,000,000	1,000,000	6,250,000	
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													
2020	450,000	450,000	0													

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2007	January 1, 2009	Growth: 75.0 % Maintenance: 25.0 %	Tiffany Pocock	2028 & Beyond
			Effective Date	Description
			Unknown	By undertaking this project in 2022+, the maintenance division will have to do road repairs in 2017.
			Exp/(Rev)	FTE Impact
			0	0



# Project Version Summary

<b>Project #</b>	ECP-005-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Grand Marais Drain Improvements (Concrete Channel)		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	Ward 10		
<b>Version Name</b>	Main (Active)		

Project Description				Version Description												
The Grand Marais Drain Channel Improvements Environmental Assessment determined that the existing concrete channel between Dougall Avenue and Huron Church Road will require total replacement by 2066. Immediate repairs are required in the sections from Dominion Boulevard downstream to Huron Church Road and Dougall Avenue downstream to Bruce Avenue. An additional \$406,000 of repairs were identified to be required by 2026. Full replacement is required within 50 years. Reconstruction will involve a variety of formats that support additional enclosure, naturalization, and expansion of recreational opportunities.				Grand Marais Drain Improvements (Concrete Channel): 2029: Repair from Dougall Avenue downstream to Bruce Avenue - \$767,000  2030: Repair from Dominion Boulevard downstream to Huron Church Road - \$383,500 Additional Repair from Bruce Avenue to Dougall Avenue - \$714,000 2031+: Phased Construction - \$48,918,000												
Project Comments/Reference				Version Comments												
7086005																
Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	0	0	0	5410 Construction Contracts - TCA	0	0	0	0	0	0	0	0	1,169,500	1,098,420	2,267,920	
2022	0	0	0													
2023	0	0	0	Total	0	0	0	0	0	0	0	0	1,169,500	1,098,420	2,267,920	
2024	0	0	0													
2025	0	0	0	028 Sewer Surcharge	0	0	0	0	0	0	0	0	1,169,500	1,098,420	2,267,920	
2026	0	0	0													
2027	0	0	0	Total	0	0	0	0	0	0	0	0	1,169,500	1,098,420	2,267,920	
2028	0	0	0													
2029	1,169,500	1,169,500	0													
2030	1,098,420	1,098,420	0													
	<b>2,267,920</b>	<b>2,267,920</b>	<b>0</b>													
Historical Approved Budget																
Year	Total Expense	Revenue														
		Net City Cost	Subsidies													
2008	250,000	250,000	0													
2009	250,000	250,000	0													
2010	500,000	500,000	0													
2011	500,000	500,000	0													
2016	250,000	250,000	0													

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2008	January 1, 2010	Growth: 0.0 % Maintenance: 0.0 %	Andrew Dowie	2028 & Beyond`
			Effective Date	Description
			Unknown	Depending on the final design, there may be additional drain maintenance costs.
			Exp/(Rev)	FTE Impact
			0	0



# Project Version Summary

<b>Project #</b>	ECP-008-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Pedestrian Safety Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Funding to be used based on priority analysis for various locations.				Funding is allocated to projects based on warrant and priority analysis												
- School approach sidewalks - Transit route sidewalks																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7045034																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	5410	Construction Contracts - TCA											
2022	100,000	100,000	0		0	100,000	0	100,000	0	100,000	0	100,000	0	100,000	500,000	
2023	0	0	0		Total	0	100,000	0	100,000	0	100,000	0	100,000	500,000		
2024	100,000	100,000	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	100,000	100,000	0		0	100,000	0	100,000	0	100,000	0	100,000	0	100,000	500,000	
2027	0	0	0		Total	0	100,000	0	100,000	0	100,000	0	100,000	500,000		
2028	100,000	100,000	0													
2029	0	0	0													
2030	100,000	100,000	0													
	<b>500,000</b>	<b>500,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	Depending on the final design, there may be increased sidewalk maintenance costs.								0	0		

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2007	January 1, 2008	Growth: 0.0 % Maintenance: 0.0 %	Fahd Mikhael	Ongoing`



# Project Version Summary

<b>Project #</b>	ECP-009-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Intersection Improvements Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Improvements are completed as funds are available with intersections selected and based on the most current road safety report.				Various locations as identified in the Road Safety Report. Consultant may be retained to undertake safety audits on each identified location where not previously investigated.  2021-2024: Ongoing funding to continue implementing improvements - \$500,000 /yr 2028-2030: Ongoing funding to continue implementing improvements - \$500,000 /yr.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
(7062007 closed) 7151012, 7035046																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	500,000	500,000	0	5410 Construction Contracts - TCA												
2022	500,000	500,000	0	500,000 500,000 500,000 500,000 0 0 0 500,000 500,000 500,000 3,500,000												
2023	500,000	500,000	0	Total 500,000 500,000 500,000 500,000 0 0 0 500,000 500,000 500,000 3,500,000												
2024	500,000	500,000	0	<b>Revenues</b>												
2025	0	0	0	169 Pay As You Go - Capital Reserve												
2026	0	0	0	500,000 500,000 500,000 500,000 0 0 0 500,000 500,000 500,000 3,500,000												
2027	0	0	0	Total 500,000 500,000 500,000 500,000 0 0 0 500,000 500,000 500,000 3,500,000												
2028	500,000	500,000	0													
2029	500,000	500,000	0													
2030	500,000	500,000	0													
	<b>3,500,000</b>	<b>3,500,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
				<b>Operating Budget Impact</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>									
2015	15,000	15,000	0	Unknown	Depending on the final design, there may be increased road maintenance costs.	0	0									
2019	470,000	470,000	0													
2020	400,000	400,000	0													
<b>Related Projects</b>																
<b>Follows</b>	<b>Project Title</b>															
ECP-002-10	Banwell Rd. Infrastructure Improvements															
EDG-001-11	Lauzon Parkway & County Rd. 42 Infrastructure Improvements															
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												

2007	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %	Fahd Mikhael	2028 & Beyond
------	-----------------	------------------------------------	--------------	---------------



Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2007	January 1, 2007	Growth: 0.0 % Maintenance: 0.0 %	Andrew Dowie	2022	0	0
			Effective Date	Description		
			Unknown	Depending on the final design, there may be additional road and sewer maintenance costs.		



# Project Version Summary

<b>Project #</b>	ECP-013-09	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	La Bella Strada - Erie St. Business Improvement Area Streetscaping		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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: Phase 1B Engineering - \$300,000 2031+: Phase 1B - Construction - \$3.1M (net City cost)

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7109001 Closed 7183018	COMMITMENT: CR4/2019 - C 217/2018 - 2023 F169 \$300,000

Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies	<b>Expenses</b>												
2021	0	0	0	2915 Consulting Services - External	0	0	300,000	0	0	0	0	0	0	0	300,000	
2022	0	0	0													
2023	300,000	300,000	0	Total	0	0	300,000	0	0	0	0	0	0	0	300,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169CF Committed Funding	0	0	300,000	0	0	0	0	0	0	0	300,000	
2026	0	0	0													
2027	0	0	0	176 Federal Gas Tax Rebate	0	0	0	0	0	0	0	0	0	0	0	
2028	0	0	0													
2029	0	0	0	6735 Recovery Of Expenses EXTERNAL	0	0	0	0	0	0	0	0	0	0	0	
2030	0	0	0													
	300,000	300,000	0	Total	0	0	300,000	0	0	0	0	0	0	0	300,000	

<b>Historical Approved Budget</b>			
Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2011	692,634	692,634	0

<b>Related Projects</b>	<b>Operating Budget Impact</b>								
	<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 2021	Project Lead	Est. Completion Date
2009	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %	Tiffany Pocock	2028



# Project Version Summary

<b>Project #</b>	ECP-014-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	City Centre Streetscape Program - University Avenue/Victoria Avenue		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 2, Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
The reconstruction of University Avenue East and West and Victoria as per the University/Victoria EA recommendation (currently in progress). Phase 1 of design and construction would be McDougall Ave to Ouellette Ave and Phase 2 would be Ouellette Ave to Victoria Ave.  Moving forward, rehabilitation to the east-west streets, Chatham and Pitt are also necessary. Ouellette Ave. and Pelissier St. replacements have already occurred from this project.	2022: Engineering/Utility Relocation/Land Requisition/Construction - \$3,025,000 2023: Engineering/Utility Relocation/Land Requisition/Construction - \$1,100,000 2024: Engineering/Utility Relocation/Land Requisition/Construction - \$400,000 2031+: Engineering/Utility Relocation/Land Requisition/Construction - \$38,500,000

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7052085 closed/7092020 ISF closed/7143003	

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		Revenue		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	2915 Consulting Services - External												
2022	3,025,000	3,025,000	0		0	0	0	400,000	0	0	0	0	0	0	400,000	
2023	1,100,000	1,100,000	0	5410 Construction Contracts - TCA												
2024	400,000	400,000	0		0	3,025,000	1,100,000	0	0	0	0	0	0	0	4,125,000	
2025	0	0	0	Total	0	3,025,000	1,100,000	400,000	0	0	0	0	0	0	4,525,000	
2026	0	0	0	<b>Revenues</b>												
2027	0	0	0	221 Service Sustainability Investm												
2028	0	0	0		0	3,025,000	1,100,000	400,000	0	0	0	0	0	0	4,525,000	
2029	0	0	0	Total	0	3,025,000	1,100,000	400,000	0	0	0	0	0	0	4,525,000	
2030	0	0	0													
	<b>4,525,000</b>	<b>4,525,000</b>	<b>0</b>													

<b>Historical Approved Budget</b>			
		Revenue	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>
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
2020	350,000	350,000	0

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2007	January 1, 2007	Growth: 0.0 % Maintenance: 0.0 %	Tiffany Pocock	2028 & Beyond	0	0
			<b>Effective Date</b> <b>Description</b> 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.			



## Project Version Summary

<b>Project #</b>	ECP-016-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	The Riverside Drive Vista Improvement		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 2, Ward 3, Ward 4, Ward 5, Ward 6, Ward 7		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>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.</p>	<p><b>Version Description</b></p> <p>2021: Previously committed funding  2024: Engineering, Phase 3A, Ford to Strabane - \$2,215,000  2025: Property Acquisition, Phase 3A, Ford to Strabane - \$1,400,000  2026: Utility Relocations &amp; Construction, Phase 3A, Ford to Strabane - \$2,500,000  <del>2027: Construction, Phase 3A, Ford to Strabane - \$8,000,000</del>  2028: Construction, Phase 3A, Ford to Strabane - \$2,000,000  2029: Construction, Phase 3A, Ford to Strabane - \$2,000,000  2030: Construction, Phase 3A, Ford to Strabane - \$2,000,000  2031+: Construction, Phase 3A, Ford to Strabane - \$4,400,000</p>
<p><b>Project Comments/Reference</b></p> <p>7086001</p>	<p><b>Version Comments</b></p> <p>COMMITMENT:  Phased Engineering and Construction - \$60.6M  CR201/2017 - C 49/2017 - 2021 F169 \$62,500 - 2021 F221 \$187,500</p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	250,000	250,000	0	2915	Consulting Services - External										
2022	0	0	0		0	0	0	0	2,400,000	0	0	0	0	0	2,400,000
2023	0	0	0	5410	Construction Contracts - TCA										
2024	2,215,000	2,215,000	0		250,000	0	0	2,215,000	0	2,500,000	8,000,000	2,000,000	2,000,000	2,000,000	18,965,000
2025	2,400,000	2,400,000	0	Total	250,000	0	0	2,215,000	2,400,000	2,500,000	8,000,000	2,000,000	2,000,000	2,000,000	21,365,000
2026	2,500,000	2,500,000	0	Revenues											
2027	8,000,000	8,000,000	0	169	Pay As You Go - Capital Reserve										
2028	2,000,000	2,000,000	0		0	0	0	553,750	600,000	625,000	2,000,000	500,000	500,000	500,000	5,278,750
2029	2,000,000	2,000,000	0	169CF	Committed Funding										
2030	2,000,000	2,000,000	0		62,500	0	0	0	0	0	0	0	0	0	62,500
	<b>21,365,000</b>	<b>21,365,000</b>	<b>0</b>	221	Service Sustainability Investm										
					0	0	0	1,661,250	1,800,000	1,875,000	6,000,000	1,500,000	1,500,000	1,500,000	15,836,250
				221CF	Committed Funding										
					187,500	0	0	0	0	0	0	0	0	0	187,500
				Total	250,000	0	0	2,215,000	2,400,000	2,500,000	8,000,000	2,000,000	2,000,000	2,000,000	21,365,000
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												
2020	664,000	664,000	0												
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 2021		Project Lead					Est. Completion Date						
2007	January 1, 2009	Growth: 25.0 % Maintenance: 75.0 %		Anna Godo					Ongoing`						



# Project Version Summary

<b>Project #</b>	ECP-022-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Prince Rd./Totten St. Storm Sewer Improvements - Engineering & Construction		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	Ward 10		
<b>Version Name</b>	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: 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 - \$2,000,000 2029: Totten Street from Betts to Mark - \$2,600,000												
This project will be reviewed in concert with the Sewer Master Plan Implementation prioritization.																
Project Comments/Reference				Version Comments												
7086002/ 7186002																
Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	0	0	0	5410 Construction Contracts - TCA	0	100,000	0	2,450,000	2,250,000	0	0	2,000,000	2,600,000	0	9,400,000	
2022	100,000	100,000	0													
2023	0	0	0													
2024	2,450,000	2,450,000	0													
2025	2,250,000	2,250,000	0													
2026	0	0	0													
2027	0	0	0													
2028	2,000,000	2,000,000	0	028 Sewer Surcharge	0	0	0	453,500	1,687,500	0	0	1,500,000	1,950,000	0	5,591,000	
2029	2,600,000	2,600,000	0	117 Dev Chg - Storm & Drains	0	0	0	1,384,000	0	0	0	0	0	0	1,384,000	
2030	0	0	0	169 Pay As You Go - Capital Reserve	0	10,000	0	61,250	33,750	0	0	500,000	650,000	0	1,255,000	
				221 Service Sustainability Investm	0	90,000	0	551,250	528,750	0	0	0	0	0	1,170,000	
	<b>9,400,000</b>	<b>9,400,000</b>	<b>0</b>	<b>Total</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>2,450,000</b>	<b>2,250,000</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>	<b>2,600,000</b>	<b>0</b>	<b>9,400,000</b>	
Historical Approved Budget																
Year	Total Expense	Revenue														
		Net City Cost	Subsidies													
2007	670,000	670,000	0													
2008	325,000	325,000	0													
2009	2,000,000	2,000,000	0													
2010	4,620,000	4,620,000	0													
2018	125,000	125,000	0													
2020	80,000	80,000	0													

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2007	January 1, 2008	Growth: 0.0 % Maintenance: 0.0 %	Ian Wilson	2028 & Beyond	0	0
			Effective Date	Description		
			Unknown	Depending on the final design, there may be decreased road and sewer maintenance costs.		



# Project Version Summary

<b>Project #</b>	ECP-023-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Parent Ave./McDougall Ave. Storm Sewer Engineering & Construction		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 3, Ward 4		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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 - \$1,485,000; 2027: Engineering - McDougall Storm Relief Sewer - Phase 1 - \$95,000 2031+: McDougall Storm Relief Sewer – Phase I - \$20M												
This project will be reviewed in concert with the Sewer Master Plan Implementation prioritization.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7182005																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	5410	Construction Contracts - TCA											
2022	2,950,000	2,950,000	0		0	2,950,000	0	0	0	1,485,000	95,000	0	0	0	4,530,000	
2023	0	0	0		Total	0	2,950,000	0	0	0	1,485,000	95,000	0	0	4,530,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	028	Sewer Surcharge											
2026	1,485,000	1,485,000	0		0	2,950,000	0	0	0	0	0	0	0	0	2,950,000	
2027	95,000	95,000	0	221	Service Sustainability Investm											
2028	0	0	0		0	0	0	0	0	1,485,000	95,000	0	0	0	1,580,000	
2029	0	0	0		Total	0	2,950,000	0	0	0	1,485,000	95,000	0	0	4,530,000	
2030	0	0	0													
	<b>4,530,000</b>	<b>4,530,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
				<b>Revenue</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2018	250,000	250,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	Depending on the final design, there may be decreased road and sewer maintenance costs.								0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2007	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %		Anna Godo					2028 & Beyond'							



# Project Version Summary

<b>Project #</b>	ECP-028-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Grand Marais Drain Rehabilitation Program (Existing Naturalized Channel)		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	Ward 5, Ward 10		
<b>Version Name</b>	Main (Active)		

Project Description				Version Description													
Rehabilitation of the naturalized drain from South Cameron Boulevard to approximately 280m upstream of E.C. Row Expressway is required to improve conveyance capacity. This work would facilitate the decommissioning of various temporary stormwater ponds near the drain and release back to owners. Grant funding programs will be leveraged where possible to assist in offsetting construction costs.				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 2028: Phased Construction - \$300,000 2029: Phased Construction - \$300,000 2030: Phased Construction - \$300,000													
Project Comments/Reference				Version Comments													
7082003				COMMITMENT: CR76/2020 - C 4/2020 - 2021 F028 \$367,200 - 2021 F117 \$364,800 - 2022 F028 \$268,000													
Project Forecast				Project Detailed Forecast													
				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total		
				<b>Expenses</b>													
				5410	Construction Contracts - TCA												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>		732,000	500,000	1,200,000	0	0	1,000,000	500,000	300,000	300,000	300,000	4,832,000		
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	300,000	300,000	0														
2029	300,000	300,000	0														
2030	300,000	300,000	0														
	<b>4,832,000</b>	<b>4,832,000</b>	<b>0</b>														
				<b>Revenues</b>													
				028	Sewer Surcharge												
					0	232,000	1,200,000	0	0	1,000,000	500,000	300,000	300,000	300,000	3,832,000		
				028CF	Committed Funding												
					367,200	268,000	0	0	0	0	0	0	0	0	635,200		
				117	Dev Chg - Storm & Drains												
					0	0	0	0	0	0	0	0	0	0	0		
				117CF	Committed Funding												
					364,800	0	0	0	0	0	0	0	0	0	364,800		
				<b>Total</b>	<b>732,000</b>	<b>500,000</b>	<b>1,200,000</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>	<b>500,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>4,832,000</b>		
Historical Approved Budget																	
				Year	Total Expense	Net City Cost	Subsidies										Total
				2007	140,000	140,000	0										0
				2008	735,000	735,000	0										0
				2009	1,330,000	1,330,000	0										0
				2014	2,000,000	2,000,000	0										0
				2018	470,000	470,000	0										0
				2019	1,600,000	1,600,000	0										0

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2007	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %	Andrew Dowie	2028 & Beyond	0	0
			Effective Date	Description		
			Unknown	As a result of this investment, new building lots on the sites of existing stormwater management ponds and corresponding permanent tax revenues will be able to be created. Improvement to the drain can be expected to decrease ongoing maintenance obligations in the near term.		



## Project Version Summary

<b>Project #</b>	ECP-035-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	City Wide Sewer Rehabilitation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<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>Please see attachment for further details.</p>
Project Comments/Reference	Version Comments
<p>See Document Attached.            OPEN:            7092009 /7134005/7144001/7144004/ 7144006/7153002-7153004/7161062/7164006-7164008/ 7171003-7171009/7181001/7181006-7181009/ 7191024/ 7191025/ 7191026/ 7201025-7201028/7213002</p> <p>CLOSED:            7082006-7082026/7092010-7092012/7103002-7103007/ 7111014-7111018/ 7132000/7134002/7144002/7144003/7144005/7092008/ 7111017/7164003-7164005/7171004-7171008/7134000/7134001/7134004/7144000/7161063/7153005/7153001/7164001/7181002-7181004</p>	<p>CR139/2020, C 51/2020 approved the reallocation of \$5,036,450 in 2027 to ENG-002-19.</p> <p>COMMITMENT:            CR522/2020, C 199/2020 - \$9,200,000 F028 2021</p>

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	9,348,500	9,348,500	0	5410	Construction Contracts - TCA											
2022	10,245,000	10,245,000	0		9,348,500	10,245,000	10,343,000	6,037,000	7,518,000	8,927,624	5,463,550	9,700,000	9,300,000	9,000,000	85,882,674	
2023	10,343,000	10,343,000	0		Total	9,348,500	10,245,000	10,343,000	6,037,000	7,518,000	8,927,624	5,463,550	9,700,000	9,300,000	9,000,000	85,882,674
2024	6,037,000	6,037,000	0			0										
2025	7,518,000	7,518,000	0	Revenues												
2026	8,927,624	8,927,624	0	028	Sewer Surcharge											
2027	5,463,550	5,463,550	0		148,500	10,245,000	10,343,000	6,037,000	7,518,000	8,427,624	5,463,550	8,500,000	8,500,000	8,500,000	73,682,674	
2028	9,700,000	9,700,000	0	028CF	Committed Funding											
2029	9,300,000	9,300,000	0		9,200,000	0	0	0	0	0	0	0	0	0	9,200,000	
2030	9,000,000	9,000,000	0	221	Service Sustainability Investm											
					0	0	0	0	0	500,000	0	1,200,000	800,000	500,000	3,000,000	
	<b>85,882,674</b>	<b>85,882,674</b>	<b>0</b>		Total	9,348,500	10,245,000	10,343,000	6,037,000	7,518,000	8,927,624	5,463,550	9,700,000	9,300,000	9,000,000	85,882,674
						0										
Historical Approved Budget																
		Revenue														
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													
2020	8,208,750	8,208,750	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 2021		Project Lead					Est. Completion Date							
2007	January 1, 2007	Growth: 0.0 % Maintenance: 100.0 %		Various					Ongoing`							

**Project Attachments  
For: 2021**

*Project # ECP-035-07*

*Project Name: City Wide Sewer Rehabilitation Program*

Project#	STREET	FROM	TO	Sewer Type	Ward	2020	Allocation of 2021 Costs			
							Construction	Engineering	Land Acquisition	
<b>Construction</b>										
	Bernard Rd	Guy St	Tecumseh Rd E	over/under	5	\$1,450	\$ 1,334	\$ 116	-	
	Rankin Ave	Wyandotte St W	Union St	comb/separa	2	\$1,500	\$ 1,380	\$ 120	-	
	Wellesley Ave	Terminal St	Ypres Blvd	combined	4	\$3,700	\$ 3,404	\$ 296	-	
	Olive Rd	Milloy St	Tecumseh Rd	separated	8	\$2,550	\$ 2,346	\$ 204	-	
<b>Engineering ONLY - For 2023 Projects</b>							\$ 149		\$ 149	
<b>Grand Total</b>							<b>\$ 9,349</b>	<b>\$ 8,464</b>	<b>\$ 885</b>	<b>\$ -</b>

Revised Dec 02, 2020

**Project Attachments  
For: 2021**

Project # ECP-035-07

Project Name: City Wide Sewer Rehabilitation Program

**Recommended Sewer Rehabilitation Program (2022 - 2030) \***

STREET	FROM	TO	Sewer Type	Ward	2022	2023	2024	2025	2026	2027	2028	2029	2030	
<b>Construction</b>														
Aubin Rd	Seminole St	Alice St	over/under	5	\$2,700									
Jos St. Louis Ave	Tecumseh Rd	Rose Ave	combined	8	\$1,500									
St. Luke Rd	Seminole St	Alice St	over/under	5	\$2,695									
Ypres Blvd	Marentette Ave	Forest Ave	combined	4	\$1,800									
Improvements identified in the sewer masterplan					Various	\$430								
<b>Engineering ONLY - For 2023 Projects</b>						\$620								
<b>Engineering ONLY - For 2024 Projects</b>						\$500								
<b>Construction</b>														
Aubin Rd	Alice St	Guy St	over/under	5		\$3,100								
Albert Rd	Seminole St	Metcalf St	separated	5		\$1,683								
Laing/McEwan	Campbell/Laing	Curry/Grove	combined	2		\$2,350								
Chandler Rd	Seminole St	Reginald St	separated	5		\$1,200								
Westminster Blvd	Joinville Ave	Rose St	Combined	8		\$1,700								
<b>Engineering ONLY - For 2025 Projects</b>							\$310							
<b>Construction</b>														
Barrymore Ln	Prince Rd	Brock St	over/under	2			\$3,000							
St. Luke Rd	Alice St	Tecumseh Rd	over/under	5			\$2,837							
<b>Engineering ONLY - For 2026 Projects</b>							\$200							
<b>Construction</b>														
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						
<b>Engineering ONLY - For 2027 Projects</b>								\$500						
<b>Construction</b>														
Patricia Rd	University Ave	Riverside Dr	Combined	2					\$1,300					
Central Ave	Via Tracks	Franklin St	over/under	5					\$3,000					
Girardot St	Prince Rd	Brock St	over/under	2					\$3,000					
Marentette Ph I	Elliott	Erie	Combined	4					\$1,127					
<b>Engineering ONLY - For 2028 Projects</b>									\$501					
<b>Construction</b>														
Marentette Ph 2	Elliott	Erie	Combined	4						\$2,673				
McEwan	Pelletier	Cul-de-sac	over/under	2						\$2,500				
<b>Engineering ONLY - For 2029 Projects</b>										\$291				
List for various projects for 2029 construction not yet developed.														
<b>Construction</b>														
List of projects for 2028 construction being compiled											\$9,200			
<b>Engineering ONLY - For 2030 Projects</b>											\$500			
List for various projects for 2030 construction not yet developed.														
<b>Construction</b>														
List of projects for 2029 construction being compiled												\$8,800		
<b>Engineering ONLY - For 2031 Projects</b>												\$500		
List for various projects for 2031 construction not yet developed.														
<b>Construction</b>														
List of projects for 2030 construction being compiled													\$8,500	
<b>Engineering ONLY - For 2032 Projects</b>													\$500	
List for various projects for 2032 construction not yet developed.														
<b>Grand Total</b>						\$10,245	\$10,343	\$6,037	\$7,518	\$8,928	\$5,464	\$9,700	\$ 9,300	\$ 9,000

\* Project list for 2022 - 2030 is preliminary only and must be coordinated with the Windsor Utilities Commission and Operation



# Project Version Summary

<b>Project #</b>	ECP-036-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Ojibway Sanitary Sewer Rehabilitation		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	Ward 1, Ward 2		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				2023: Rehabilitation - \$3,000,000 2024: Rehabilitation - \$500,000 2025: Rehabilitation - \$500,000 2026: Rehabilitation - \$1,000,000  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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7032060 Closed/7141018/ 7203006				COMMITMENT: CR496/2020, C 186/2020- \$3,000,000 F028 2023												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>	5410	Construction Contracts - TCA											
2021	0	0	0		0	0	3,000,000	500,000	500,000	1,000,000	0	0	0	0	5,000,000	
2022	0	0	0		0	0	3,000,000	500,000	500,000	1,000,000	0	0	0	0	5,000,000	
2023	3,000,000	3,000,000	0	<b>Total</b>	0	0	3,000,000	500,000	500,000	1,000,000	0	0	0	0	5,000,000	
2024	500,000	500,000	0	<b>Revenues</b>												
2025	500,000	500,000	0	028	Sewer Surcharge											
2026	1,000,000	1,000,000	0		0	0	0	500,000	500,000	1,000,000	0	0	0	0	2,000,000	
2027	0	0	0	028CF	Committed Funding											
2028	0	0	0		0	0	3,000,000	0	0	0	0	0	0	0	3,000,000	
2029	0	0	0	<b>Total</b>	0	0	3,000,000	500,000	500,000	1,000,000	0	0	0	0	5,000,000	
2030	0	0	0		0	0	3,000,000	500,000	500,000	1,000,000	0	0	0	0	5,000,000	
	<b>5,000,000</b>	<b>5,000,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
				<b>Revenue</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2014	1,900,000	1,900,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	Depending on the final design, there may be decreased sewer maintenance costs.								0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>								<b>Est. Completion Date</b>					
2007	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %	Tiffany Pocock								2027					



# Project Version Summary

<b>Project #</b>	EDG-001-11	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Lauzon Parkway & County Rd. 42 Infrastructure Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
The construction of the Lauzon Parkway/Country Rd 42 intersection according to the Lauzon Parkway Environmental Assessment (EA).  Note: Improvements to the Upper Little River Stormwater Facilities (ECP-001-10) are required with any improvements in this project.	2021: Utility Relocation for intersection of Lauzon Parkway North realignment - \$550,000 2023-26: Construction of intersection of Lauzon Parkway North realignment - \$22,684,000 2027: Engineering - Design of County Road 42 from 9th Concession Road to Lauzon Parkway - \$3,401,000 2029: Engineering - Design of County Road 42, west of 9th Concession Road - \$225,000 2030: Engineering - Design of County Road 42, west of 9th Concession Road - \$775,000 2031+: Engineering - Design of County Road 42, west of 9th Concession Road - \$5,300,000 Land Acquisition / Construction of County Road 42 between 9th Concession Road and Lauzon Parkway - \$30,700,000 Land Acquisition, County Road 42 - \$14,000,000  Phased Engineering / Construction, East/West Arterial - \$56,000,000 Phased Construction, County Road 42 - \$71,000,000

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7109005 (closed) 7197000	Approval of the new hospital may require acceleration of these funds.

Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>												
2021	550,000	550,000	0	2915 Consulting Services - External												
2022	0	0	0		550,000	0	1,000,000	0	0	0	0	0	0	0	1,550,000	
2023	1,000,000	1,000,000	0	5410 Construction Contracts - TCA												
2024	300,000	300,000	0		0	0	0	300,000	11,784,000	9,600,000	3,401,000	0	225,000	775,000	26,085,000	
2025	11,784,000	11,784,000	0	Total	550,000	0	1,000,000	300,000	11,784,000	9,600,000	3,401,000	0	225,000	775,000	27,635,000	
2026	9,600,000	9,600,000	0	<b>Revenues</b>												
2027	3,401,000	3,401,000	0	115 Dev Chg - Roads & Related												
2028	0	0	0		50,000	0	1,000,000	0	3,000,000	1,400,000	0	0	0	0	5,450,000	
2029	225,000	225,000	0	117 Dev Chg - Storm & Drains												
2030	775,000	775,000	0		500,000	0	0	300,000	2,584,000	0	0	0	0	0	3,384,000	
				169 Pay As You Go - Capital Reserve												
					0	0	0	0	2,796,000	4,137,750	2,703,650	0	225,000	775,000	10,637,400	
				176 Federal Gas Tax Rebate												
					0	0	0	0	1,567,200	2,462,250	242,250	0	0	0	4,271,700	
				221 Service Sustainability Investm												
					0	0	0	0	1,836,800	1,600,000	455,100	0	0	0	3,891,900	
				Total	550,000	0	1,000,000	300,000	11,784,000	9,600,000	3,401,000	0	225,000	775,000	27,635,000	

Historical Approved Budget			
Year	Total Expense	Revenue	
		<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
2020	1,500,000	1,500,000	0

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Precedes	Project Title		Effective Date	Description		
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 2021	Project Lead	Est. Completion Date		
2011	January 1, 2021	Growth: 80.0 % Maintenance: 20.0 %	Anna Godo	2028 & Beyond`		



# Project Version Summary

<b>Project #</b>	ENG-001-13	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Capital Rehabilitation Program for Little River Steel Retaining Walls		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	Ward 6, Ward 7		
<b>Version Name</b>	Main - Little River Steel Retaining Walls (Active)		

Project Description				Version Description												
<p>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. The balance of the system requires rehabilitation in order to extend service life beyond 10 years.</p>				<p>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 - \$500,000            2029: Phased replacement of retaining wall - \$500,000            2030: Phased replacement of retaining wall - \$500,000            2031+: Phased replacement of retaining wall - \$20,000,000</p> <p>Grant funding programs will be leveraged where possible to assist in offsetting construction costs.</p>												
Project Comments/Reference				Version Comments												
7141019																
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	0	0	0	5410 Construction Contracts - TCA	0	0	1,000,000	500,000	500,000	1,000,000	1,000,000	500,000	500,000	500,000	5,500,000	
2022	0	0	0	Total	0	0	1,000,000	500,000	500,000	1,000,000	1,000,000	500,000	500,000	500,000	5,500,000	
				Revenues												
2023	1,000,000	1,000,000	0	028 Sewer Surcharge	0	0	1,000,000	500,000	500,000	1,000,000	1,000,000	500,000	500,000	500,000	5,500,000	
2024	500,000	500,000	0	Total	0	0	1,000,000	500,000	500,000	1,000,000	1,000,000	500,000	500,000	500,000	5,500,000	
2025	500,000	500,000	0													
2026	1,000,000	1,000,000	0													
2027	1,000,000	1,000,000	0													
2028	500,000	500,000	0													
2029	500,000	500,000	0													
2030	500,000	500,000	0													
<b>5,500,000</b>		<b>5,500,000</b>	<b>0</b>													
Historical Approved Budget																
		Revenue														
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													
2020	1,000,000	1,000,000	0													







# Project Version Summary

<b>Project #</b>	ENG-002-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Improvements to Little River Municipal Drain (Lauzon Rd. to VIA Tracks)		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	Ward 6, Ward 7, Ward 8		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				2024: Design & Construction - \$265,000 2025: Construction - \$500,000  Grant funding programs will be leveraged where possible to assist in offsetting construction costs.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7201023																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	5410	Construction Contracts - TCA											
2022	0	0	0		0	0	0	265,000	500,000	0	0	0	0	0	765,000	
2023	0	0	0		Total	0	0	0	265,000	500,000	0	0	0	0	765,000	
2024	265,000	265,000	0	<b>Revenues</b>												
2025	500,000	500,000	0	028	Sewer Surcharge											
2026	0	0	0		0	0	0	10,000	75,000	0	0	0	0	0	85,000	
2027	0	0	0	117	Dev Chg - Storm & Drains											
2028	0	0	0		0	0	0	255,000	425,000	0	0	0	0	0	680,000	
2029	0	0	0		Total	0	0	0	265,000	500,000	0	0	0	0	765,000	
2030	0	0	0													
	<b>765,000</b>	<b>765,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2020	100,000	100,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact							0	0			
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2016	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %	Andrew Dowie	2026`												



# Project Version Summary

<b>Project #</b>	ENG-002-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Bus Bay Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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 available in this program. The school boards have prioritized the following schools: - Forest Glade PLC												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7119001																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		Revenue		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	5410	Construction Contracts - TCA											
2022	100,000	100,000	0		0	100,000	100,000	100,000	0	0	100,000	100,000	100,000	100,000	700,000	
2023	100,000	100,000	0		Total	0	100,000	100,000	100,000	0	0	100,000	100,000	100,000	700,000	
2024	100,000	100,000	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		0	100,000	100,000	100,000	0	0	100,000	100,000	100,000	100,000	700,000	
2027	100,000	100,000	0		Total	0	100,000	100,000	100,000	0	0	100,000	100,000	100,000	700,000	
2028	100,000	100,000	0													
2029	100,000	100,000	0													
2030	100,000	100,000	0													
<b>700,000</b>		<b>700,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	Depending on the final design, there may be increase road maintenance costs.								0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2017	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Fahd Mikhael					Ongoing`							



# Project Version Summary

<b>Project #</b>	ENG-002-19	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Sewer Master Plan Implementation		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>The Sewer and Costal Flood Protection Master Plan is now complete and will serve as a guiding document to reduce the risk and impact of flooding in the City. An implementation strategy is being developed to align recommendations contain in the SMP with various other City priorities/improvements with overlapping goals.</p>	<p>All Years - Works / Actions identified by Sewer Master Plan</p> <p>Projects Previously Identified:</p> <p>2021 - \$3,440,000 identified for SMP - Lauzon Parkway Sewer and Road Rehab (Hawthorne to Cantelon) as per CR379/2020, C127/2020 for Engineering and Land Acquisition</p> <ul style="list-style-type: none"> <li>- Construction Placeholders for Lauzon Parkway \$530,000</li> <li>- St. Rose Wastewater Pumping Station \$5,000,000</li> </ul> <p>2022 - Construction Placeholders for Lauzon Parkway \$3,970,000</p> <ul style="list-style-type: none"> <li>- Riverside Drive Ph2A \$5,000,000</li> </ul> <p>2023 - Construction Placeholders for Lauzon Parkway \$3,970,000</p> <ul style="list-style-type: none"> <li>-St. Rose Wastewater Pumping Station \$5,000,000</li> </ul> <p>2024 - Construction Placeholders for Lauzon Parkway \$6,500,000</p> <ul style="list-style-type: none"> <li>-Riverside Drive Ph2A \$5,000,000</li> </ul> <p>2025 - Construction Placeholders for Lauzon Parkway \$890,000</p> <ul style="list-style-type: none"> <li>-St. Rose Wastewater Pumping Station \$5,000,000</li> </ul> <p>2025 – 2030 - even years \$5M annually allocated to Riverside Drive Ph2A, odd years \$5M annually allocated to St. Rose Wastewater Pumping Station, except 2030: \$100,000 to Riverside Drive Ph2A, \$4.9M to St. Rose</p> <p>\$29.9M for St Rose PS and \$25.1M for Riverside 2A incremental works as per C 5/2021</p>
Project Comments/Reference	Version Comments
<p>7199004, 7201032, 7201034, 7201035, 7201036, 7196000, 7219002, 7211017, 7219003, 7211018</p>	<p>Not funding will be outlined through the Sewer Implementation Prioritization</p> <p>CR139/2020 C 51/2020 - \$8,120,450 with funding as follows: \$2,030,450 in 2020, \$2,030,000 in 2021, \$2,030,000 in 2022, \$2,030,000 in 2023 - moved to ENG-013-20.</p> <p>*CR139/2020 also approved the reallocation of \$3,084,000 in 2025 F221 Funding from ENG-013-20 and \$5,036,450 in 2027 028 Funding from ECP-035-07 to replenish ENG-002-19 funding of \$8,120,450 used for the Sandwich St. Sewer Rehab Project.</p> <p>CR379/2020, C127/2020- \$3,440,000 2021 F028</p> <p>PLACEHOLDER: CR379/2020, C 127/2020- \$530,000 2021 F028, \$3,970,000 2022 F028, \$3,970,000 2023 F028, \$6,500,000 2024 F028, \$890,000 2025 F028 -To be leveraged as the City's matching portion of a grant, should any grant opportunities become available for this project</p> <p>DMAF 3 Targeting Success Intake Grant was unsuccessful; therefore all commitments/placeholders per CR316/2020- C 112/2020 for DMAF 3 Targeting Success Intake Grant are rescinded.</p> <p>COMMITMENTS: B13/2021, C 5/2021- \$5,000,000 F028 2020-2025</p> <p>PLACEHOLDER: B13/2021, C 5/2021 \$5,000,000 F028 2026-2026 to be approved and that once funding for each year is within 5 years is pre-committed and available for immediate use.</p> <p>As part of this Capital Budget submission, Administration is requesting Council approval to transfer funding between each of SMP -funded project ids within PeopleSoft.</p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	8,970,000	8,970,000	0	2915	Consulting Services - External										
2022	8,970,000	8,970,000	0		3,970,000	3,970,000	3,970,000	6,500,000	9,584,000	6,000,000	11,451,701	6,987,751	6,987,751	6,987,751	66,408,954
2023	8,970,000	8,970,000	0	5410	Construction Contracts - TCA										
2024	11,500,000	11,500,000	0		5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	50,000,000
2025	14,584,000	14,584,000	0		Total	8,970,000	8,970,000	8,970,000	11,500,000	14,584,000	11,000,000	16,451,701	11,987,751	11,987,751	116,408,954
2026	11,000,000	11,000,000	0			0									
2027	16,451,701	16,451,701	0	Revenues											
2028	11,987,751	11,987,751	0	028	Sewer Surcharge										
2029	11,987,751	11,987,751	0		0	0	0	0	5,610,000	6,000,000	11,451,701	6,987,751	6,987,751	6,987,751	44,024,954
2030	11,987,751	11,987,751	0	028CF	Committed Funding										
	<b>116,408,954</b>	<b>116,408,954</b>	<b>0</b>		8,970,000	8,970,000	8,970,000	11,500,000	5,890,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	69,300,000
				221	Service Sustainability Investm										
					0	0	0	0	3,084,000	0	0	0	0	0	3,084,000
					Total	8,970,000	8,970,000	8,970,000	11,500,000	14,584,000	11,000,000	16,451,701	11,987,751	11,987,751	116,408,954
						0									
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2019	4,812,249	4,812,249	0	Operating Budget Impact											
2020	10,250,000	10,250,000	0												
Related Projects															
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date											
2019	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Anna Godo	2028 & Beyond											



# Project Version Summary

<b>Project #</b>	ENG-003-13	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Sixth Concession Municipal Drain - Land Acquisition & Capital Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				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												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7131002																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	5410	Construction Contracts - TCA											
2021	200,000	200,000	0		200,000	535,000	485,000	0	0	0	0	0	0	0	1,220,000	
2022	535,000	535,000	0													
2023	485,000	485,000	0													
2024	0	0	0													
2025	0	0	0													
2026	0	0	0													
2027	0	0	0													
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>1,220,000</b>	<b>1,220,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>				<b>Revenues</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	028	Sewer Surcharge											
2013	375,000	375,000	0		200,000	535,000	485,000	0	0	0	0	0	0	0	1,220,000	
2015	400,000	400,000	0													
2018	150,000	150,000	0													
2019	200,000	200,000	0													
2020	500,000	500,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>									<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	Depending on the final design, there may be decreased drain maintenance costs.									0	0	

Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2013	January 1, 2013	Growth: 50.0 % Maintenance: 50.0 %	Andrew Dowie / Adam Mourad	2024`



# Project Version Summary

<b>Project #</b>	ENG-003-19	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Sandwich South Lands - Engineering Studies		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				2028: \$200,000 - 7th Concession Road Environmental Assessment \$200,000 - 8th Concession Road Environmental Assessment \$140,000 - 9th Concession Road Environmental Assessment 2029: \$60,000 - 9th Concession Road Environmental Assessment \$300,000 - Baseline Road Environmental Assessment \$330,000 - County Road 17 Environmental Assessment												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7192000																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>	<b>Expenses</b>												
		<b>Net City Cost</b>		2915	Consulting Services - External											
2021	0	0	0		0	0	0	0	0	0	0	540,000	690,000	0	1,230,000	
2022	0	0	0		0	0	0	0	0	0	0	540,000	690,000	0	1,230,000	
2023	0	0	0		0	0	0	0	0	0	0	540,000	690,000	0	1,230,000	
2024	0	0	0		0	0	0	0	0	0	0	540,000	690,000	0	1,230,000	
2025	0	0	0		0	0	0	0	0	0	0	540,000	690,000	0	1,230,000	
2026	0	0	0		0	0	0	0	0	0	0	540,000	690,000	0	1,230,000	
2027	0	0	0		0	0	0	0	0	0	0	540,000	690,000	0	1,230,000	
2028	540,000	540,000	0	028	Sewer Surcharge											
2029	690,000	690,000	0		0	0	0	0	0	0	0	123,000	123,000	0	123,000	
2030	0	0	0	115	Dev Chg - Roads & Related											
	<b>1,230,000</b>	<b>1,230,000</b>	<b>0</b>		0	0	0	0	0	0	0	240,000	252,000	0	492,000	
				116	Dev Chg - Sanitary/Pollution											
					0	0	0	0	0	0	0	150,000	157,500	0	307,500	
				117	Dev Chg - Storm & Drains											
					0	0	0	0	0	0	0	150,000	157,500	0	307,500	
					0	0	0	0	0	0	0	540,000	690,000	0	1,230,000	
				Total	0	0	0	0	0	0	0	540,000	690,000	0	1,230,000	
<b>Historical Approved Budget</b>																
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>	<b>Revenues</b>												
2019	1,000,000	1,000,000	0	028	Sewer Surcharge											
2020	1,300,000	1,300,000	0		0	0	0	0	0	0	0	123,000	123,000	0	123,000	
				115	Dev Chg - Roads & Related											
					0	0	0	0	0	0	0	240,000	252,000	0	492,000	
				116	Dev Chg - Sanitary/Pollution											
					0	0	0	0	0	0	0	150,000	157,500	0	307,500	
				117	Dev Chg - Storm & Drains											
					0	0	0	0	0	0	0	150,000	157,500	0	307,500	
					0	0	0	0	0	0	0	540,000	690,000	0	1,230,000	
				Total	0	0	0	0	0	0	0	540,000	690,000	0	1,230,000	
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												

2019	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Pat Winters	2028 & Beyond
------	-----------------	----------------------------------	-------------	---------------



# Project Version Summary

<b>Project #</b>	ENG-005-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Central Box EA Road and Infrastructure Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 9, Ward 10		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<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>2021: Dougall Rd CN Underpass - \$1,450,000 - Construction            2017 Northwood-Dominion - \$1,200,000 – Engineering/ Land Acquisition/ Utility Relocation/Study- Northwood to Ojibway            ICIP- Dougall Bike lanes &amp; Sidewalks - \$93,891 – Design &amp; Construction</p> <p>2022: Dougall Rd CN Underpass - \$400,000- Construction            2017 Northwood-Dominion - \$1,000,000- Construction Northwood to Ojibway            ICIP- Dougall Bike lanes &amp; Sidewalks - \$700,000– Design &amp; Construction</p> <p>2023: Dougall Rd CN Underpass - \$3,560,000- Construction</p> <p>2024: Engineering / Land Acquisition / Utility Relocation, Dominion - Northwood to Ojibway - \$3,200,000            2025: Engineering / Land Acquisition / Utility Relocation, Dominion - Ojibway to Totten - \$300,000            2026: Engineering / Land Acquisition / Utility Relocation, Dominion - Ojibway to Totten - \$2,500,000            2028: Engineering / Land Acquisition / Utility Relocation, Dominion - Ojibway to Totten - \$1,500,000            2029: Engineering / Land Acquisition / Utility Relocation, Dominion - Ojibway to Totten - \$1,250,000            2030: Engineering / Land Acquisition / Utility Relocation, Dominion - Ojibway to Totten - \$500,000            2031+: Phased Engineering / Utility Relocation / Construction - \$73,000,000</p>
Project Comments/Reference	Version Comments
<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, 7171084, 7203004</p>	<p>COMMITMENT:            CR172/2019 - C 38/2019 - (7161061) 2021 F169 \$1,087,500 - 2021 F221 \$362,500 - 2022 F176 \$400,000 - 2023 F169 \$2,370,000 - 2023 F176 \$400,000 - 2023 F221 \$750,000            CR201/2017 - C 49/2017 - (7181084) 2021 F169 \$112,500 - 2021 F221 \$37,500            CR303/2019 - C 122/2019 - (7181084) 2021 F169 \$225,000 - 2021 F176 \$1,000,000 - 2021 F221 \$75,000 - 2022 F176 \$1,000,000            CR248/2019 - C 79/2019 - ICIP Public Transit (ICIP-WIN-002 - 7203004) 2019-2020 F115 \$90,000 - F153 \$461,680 - F169 \$505,000 - F221 \$125,000 - 2022 F169 \$525,000 - 2022 F221 \$175,000            CR440/2020, C 176/2020- \$250,000 2021 F169 (7171084) Commitment transferred to ENG-008-15</p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	2,743,891	2,650,000	93,891	5410	Construction Contracts - TCA										
2022	2,100,000	2,100,000	0		2,743,891	2,100,000	3,560,000	3,200,000	300,000	2,500,000	0	1,500,000	1,250,000	500,000	17,653,891
2023	3,560,000	3,560,000	0		Total										
2024	3,200,000	3,200,000	0		2,743,891	2,100,000	3,560,000	3,200,000	300,000	2,500,000	0	1,500,000	1,250,000	500,000	17,653,891
2025	300,000	300,000	0		1										
2026	2,500,000	2,500,000	0		Revenues										
2027	0	0	0	169	Pay As You Go - Capital Reserve										
2028	1,500,000	1,500,000	0		0	0	0	1,925,000	225,000	1,875,000	0	500,000	500,000	500,000	5,525,000
2029	1,250,000	1,250,000	0	169CF	Committed Funding										
2030	500,000	500,000	0		1,175,000	525,000	2,370,000	0	0	0	0	0	0	0	4,070,000
	<b>17,653,891</b>	<b>17,560,000</b>	<b>93,891</b>	176	Federal Gas Tax Rebate										
					0	0	0	0	0	0	0	0	0	0	0
				176CF	Committed Funding										
					1,000,000	1,400,000	400,000	0	0	0	0	0	0	0	2,800,000
				221	Service Sustainability Investm										
					0	0	0	1,275,000	75,000	625,000	0	1,000,000	750,000	0	3,725,000
				221CF	Committed Funding										
					475,000	175,000	790,000	0	0	0	0	0	0	0	1,440,000
				6310	Ontario Specific Grants										
					42,675	0	0	0	0	0	0	0	0	0	42,675
				6320	Canada Specific Grants										
					51,216	0	0	0	0	0	0	0	0	0	51,216
					Total										
					2,743,891	2,100,000	3,560,000	3,200,000	300,000	2,500,000	0	1,500,000	1,250,000	500,000	17,653,891
					1										
Historical Approved Budget				Operating Budget Impact											
Year	Total Expense	Net City Cost	Subsidies	Effective Date	Description								Exp/(Rev)	FTE Impact	
2019	1,722,000	1,722,000	0	Unknown	Depending on the final design, there may be increased road and bicycle facility maintenance costs.								0	0	
2020	500,000	500,000	0												
Year Identified	Start Date	Project Type for 2021		Project Lead				Est. Completion Date							
2017	January 1, 2019	Growth: 73.6 % Maintenance: 26.4 %		Abdelkhalek Omar / June Liu-Vajko				2028 & Beyond							



# Project Version Summary

<b>Project #</b>	ENG-005-19	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Enhanced Flooding Mitigation Program - DMAF 1		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	Ward 6		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>A series of major sewer-related projects, estimated to cost \$89,784,560, 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 \$32,090,691 of the work, or 40% of the eligible costs, WUC Recoveries are anticipated to be \$2,412,869, City funding is for the remaining \$55,281,000.</p>	<p>Individual Project budgets are subject to change per executive committee. Below are listing of projects.</p> <ul style="list-style-type: none"> <li>- Matthew Brady - Edgar / Tranby (Phase 2)</li> <li>- Belle Isle View - Wyandotte / St. Rose (Phase 1)</li> <li>- Belle Isle View - St. Rose / Edgar (Phase 2)</li> <li>- Eastlawn - Wyandotte E / Edgar</li> <li>- Matthew Brady - Wyandotte E / St. Rose (Phase 3)</li> <li>- East Marsh Road Drainage Redirection</li> <li>- Tranby Road &amp; Park:</li> <li>- Riverside Vista, Phase 2A</li> <li>- Cedarview Relief Sewer</li> <li>- Bellperche Trunk Sewer</li> <li>- Brumpton Park Underground Storage:</li> <li>- St. Paul Pump Station Expansion</li> <li>- East Marsh Pump Station Improvements:</li> <li>- LRPCP Overflow Improvement:</li> <li>- Flow Monitoring</li> <li>- General City Sewer Rehabilitation Projects</li> </ul>
Project Comments/Reference	Version Comments
<p>7171005, 7171009, 7181007, 7191025, 7191035, 7191034, 7196000, 7191038, 7205000, 7205001, 7215001, 7215000, 7215002</p>	<p>COMMMITMENT:            CR380/2018 - C 119/2018 - 2021 F028 \$1,666,335 - 2021 F28 \$953,665 - 2022 F028 \$1,093,464 - 2022 F028 \$192,990 - 2022 F028 \$463,546 - F2023 F028 \$2,000,000 - 2024 -F028 \$6,550,000, 2025 F028 \$6,550,000            CR695/2017 - C 190/2017 - 2022 F169 \$250,000 - 2022 F221 \$750,000 - 2023 F169 \$837,500 - 2023 F221 \$2,512,500 - 2024 F169 \$928,750 - 2024 F221 \$2,786,250            CR357/2020 - C 91/2020 - 2021 F221 \$385,000 (moved from PFO-002-15 Playground Replacement Program)</p> <p>PLACEHOLDER:            CR380/2018 - C 119/2018 - 2026 - 2028 F028 \$6,550,000 approved for immediate use once the funding year falls within 5 years.</p> <p>B57/2020 - C 198/2019 - 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	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	8,048,551	3,005,000	5,043,551	5410	Construction Contracts - TCA											
2022	8,670,440	2,750,000	5,920,440		8,048,551	8,670,440	9,055,038	15,557,094	13,174,958	9,824,443	6,660,923	7,065,046	0	0	78,056,493	
2023	9,055,038	5,350,000	3,705,038		Total	8,048,551	8,670,440	9,055,038	15,557,094	13,174,958	9,824,443	6,660,923	7,065,046	0	0	78,056,493
2024	15,557,094	10,265,000	5,292,094			1										
2025	13,174,958	6,550,000	6,624,958	Revenues												
2026	9,824,443	6,550,000	3,274,443	028	Sewer Surcharge											
2027	6,660,923	6,550,000	110,923		0	0	0	0	0	0	0	0	0	0	0	0
2028	7,065,046	6,550,000	515,046	028CF	Committed Funding											
2029	0	0	0		2,620,000	1,750,000	2,000,000	6,550,000	6,550,000	6,550,000	6,550,000	6,550,000	0	0	39,120,000	
2030	0	0	0	169	Pay As You Go - Capital Reserve											
	<b>78,056,493</b>	<b>47,570,000</b>	<b>30,486,493</b>		0	0	0	0	0	0	0	0	0	0	0	
Historical Approved Budget				Operating Budget Impact												
Year	Total Expense	Net City Cost	Subsidies	169CF	Committed Funding											
2019	4,566,886	4,230,000	336,886		0	250,000	837,500	928,750	0	0	0	0	0	0	2,016,250	
2020	6,956,181	3,276,000	3,680,181	221	Service Sustainability Investm											
					0	0	0	0	0	0	0	0	0	0	0	
				221CF	Committed Funding											
					385,000	750,000	2,512,500	2,786,250	0	0	0	0	0	0	6,433,750	
				6320	Canada Specific Grants											
					4,335,815	5,614,974	3,570,523	5,071,323	6,490,443	3,274,443	110,923	515,046	0	0	28,983,490	
				6735	Recovery Of Expenses EXTERNAL											
					707,736	305,466	134,515	220,771	134,515	0	0	0	0	0	1,503,003	
					Total	8,048,551	8,670,440	9,055,038	15,557,094	13,174,958	9,824,443	6,660,923	7,065,046	0	0	78,056,493
					1											
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date												
2019	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %	Various	2028												



# Project Version Summary

<b>Project #</b>	ENG-005-21	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	East West Arterial Drain Diversion		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
This project deals with the re-alignment of several existing municipal drains by creating a new municipal drain approximately 3km's in length within the corridor established adjacent to the proposed East/West Arterial Road under the Lauzon Parkway EA, the Upper Little River Stormwater Management Master Plan, and most recently under the Sandwich South Master Servicing Plan. The project limits are 7th Concession to Little River. This project needs to proceed in advance of significant development occurring within the East Pelton Secondary Plan area.				2021: Land Acquisition, Detailed Engineering Design, and Construction Administration - \$3,000,000  2022-2025: Construction of drain diversion and required road crossings - \$8,000,000  Construction of drain diversion and required road crossings - \$1,000,000												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7215004				The 2021 Sewer Surcharge Budget, B 16/2021, C 8/2021, identifies the remaining \$10,000,000 needed to complete this project.												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	4,000,000	4,000,000	0	5410 Construction Contracts - TCA												
2022	2,000,000	2,000,000	0	4,000,000 2,000,000 2,000,000 2,000,000 2,000,000 0 0 0 0 0 0 12,000,000												
2023	2,000,000	2,000,000	0	Total 4,000,00 2,000,000 2,000,000 2,000,000 2,000,000 0 0 0 0 0 0 12,000,000												
2024	2,000,000	2,000,000	0	0												
2025	2,000,000	2,000,000	0	<b>Revenues</b>												
2026	0	0	0	028 Sewer Surcharge												
2027	0	0	0	2,000,000 2,000,000 2,000,000 2,000,000 2,000,000 0 0 0 0 0 10,000,000												
2028	0	0	0	153 Sewer Surcharge												
2029	0	0	0	2,000,000 0 0 0 0 0 0 0 0 0 0 2,000,000												
2030	0	0	0	Total 4,000,00 2,000,000 2,000,000 2,000,000 2,000,000 0 0 0 0 0 0 12,000,000												
<b>12,000,000</b>				<b>12,000,000</b>												
<b>0</b>				<b>0</b>												
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2021		Growth: 100.0 % Maintenance: 0.0 %	Pat Winters													



# Project Version Summary

<b>Project #</b>	ENG-006-20	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Local Improvement Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
This project funds Local Improvements related to roads, alleys, sidewalks, street-lighting and sewers.				Projects are selected in a priority basis and approved by council												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7171002, 7111012, 7159000, 7191008, 7161015																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
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	1,550,000	1,250,000	300,000													
2029	1,295,000	1,145,000	150,000													
2030	1,100,000	950,000	150,000													
	<b>15,545,000</b>	<b>13,602,840</b>	<b>1,942,160</b>													
<b>Historical Approved Budget</b>				<b>Revenues</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2020	1,944,800	1,594,800	350,000													
				<b>Expenses</b>												
				5410	Construction Contracts - TCA											
					3,850,000	1,400,000	0	2,200,000	1,050,000	1,850,000	1,250,000	1,550,000	1,295,000	1,100,000	15,545,000	
					<b>Total</b>	<b>3,850,000</b>	<b>1,400,000</b>	<b>0</b>	<b>2,200,000</b>	<b>1,050,000</b>	<b>1,850,000</b>	<b>1,250,000</b>	<b>1,550,000</b>	<b>1,295,000</b>	<b>1,100,000</b>	<b>15,545,000</b>
				<b>Revenues</b>												
				028	Sewer Surcharge											
					2,395,562	1,000,000	0	1,895,562	545,562	500,000	500,000	750,000	750,000	750,000	9,086,686	
				160	Capital Expenditure Reserve											
					0	0	0	0	50,000	0	0	0	0	0	50,000	
				169	Pay As You Go - Capital Reserve											
					1,173,718	250,000	0	23,718	323,718	450,000	0	200,000	95,000	200,000	2,716,154	
				221	Service Sustainability Investm											
					0	0	0	0	0	650,000	500,000	300,000	300,000	0	1,750,000	
				6735	Recovery Of Expenses EXTERNAL											
					280,720	150,000	0	280,720	130,720	250,000	250,000	300,000	150,000	150,000	1,942,160	
					<b>Total</b>	<b>3,850,000</b>	<b>1,400,000</b>	<b>0</b>	<b>2,200,000</b>	<b>1,050,000</b>	<b>1,850,000</b>	<b>1,250,000</b>	<b>1,550,000</b>	<b>1,295,000</b>	<b>1,100,000</b>	<b>15,545,000</b>
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2020	January 1, 2020	Growth: 100.0 % Maintenance: 0.0 %	Adam Mourad	Ongoing												



# Project Version Summary

<b>Project #</b>	ENG-006-21	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	7th and 9th Concession Road Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
This project deals with upgrades needed to the existing Concession Roads within the Sandwich South Lands in order to support new growth anticipated to occur within the area. Required improvements have been identified within the Sandwich South Master Servicing Plan, as well as in the Sandwich South Development Charges Study.				2028: Phase 1a detailed design and construction - \$5,500,000 Phase 1b detailed design and construction - \$3,000,000 2029: Phase 1a detailed design and construction - \$5,500,000 Phase 1b detailed design and construction - \$3,000,000 2030: Phase 1a detailed design and construction - \$5,500,000 Phase 1b detailed design and construction - \$3,000,000												
Phase 1a – 7th Concession from CR 42 to new East/West Arterial Phase 1b – 9th Concession from CR 42 to Baseline Road																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		Revenue		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	5410	Construction Contracts - TCA											
2022	0	0	0		0	0	0	0	0	0	0	8,500,000	8,500,000	8,500,000	25,500,000	
2023	0	0	0		Total	0	0	0	0	0	0	8,500,000	8,500,000	8,500,000	25,500,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	115	Dev Chg - Roads & Related											
2026	0	0	0		0	0	0	0	0	0	0	8,500,000	8,500,000	8,500,000	25,500,000	
2027	0	0	0		Total	0	0	0	0	0	0	8,500,000	8,500,000	8,500,000	25,500,000	
2028	8,500,000	8,500,000	0													
2029	8,500,000	8,500,000	0													
2030	8,500,000	8,500,000	0													
	<b>25,500,000</b>	<b>25,500,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2021		Growth: 0.0 % Maintenance: 0.0 %		Pat Winters												



# Project Version Summary

<b>Project #</b>	ENG-007-21	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	9th Concession- Trunks Sanitary Sewer		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
A trunk sanitary sewer servicing the overall Sandwich South Lands was installed in 2011 under ISF funding. This project relates to the installation of sub-trunk sanitary sewers needed to service the entire area as identified under the Sandwich South Master Servicing Plan.				2029-2030: Phase 1 detailed design and construction costs - \$3,000,000												
Phase 1 – 9th Concession – CR 42 to Baseline Road																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	5410	Construction Contracts - TCA											
2022	0	0	0		0	0	0	0	0	0	0	0	2,000,000	1,000,000	3,000,000	
2023	0	0	0	Total	0	0	0	0	0	0	0	0	2,000,000	1,000,000	3,000,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	028	Sewer Surcharge											
2026	0	0	0		0	0	0	0	0	0	0	0	2,000,000	1,000,000	3,000,000	
2027	0	0	0	Total	0	0	0	0	0	0	0	0	2,000,000	1,000,000	3,000,000	
2028	0	0	0													
2029	2,000,000	2,000,000	0													
2030	1,000,000	1,000,000	0													
	<b>3,000,000</b>	<b>3,000,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2021		Growth: 0.0 % Maintenance: 0.0 %		Pat Winters												





# Project Version Summary

<b>Project #</b>	ENG-009-21	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Inflow & Infiltration Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																												
This project will support the implementation of new measures relevant to inflow and infiltration reduction activities including, but not limited to, manhole sealing, proactive smoke and dye testing, and new project/technology trials. Funds may also be used to support Private Drain Connection rebates in Downspout Disconnection Areas where required. This annual funding will support smaller I/I initiatives while larger initiatives will be part of dedicated budgets.				Annual funding will support smaller I/I initiatives																																																																																																																																																																																																																												
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																												
7219011																																																																																																																																																																																																																																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																												
				<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td><b>Year</b></td> <td><b>Total Expense</b></td> <td><b>Net City Cost</b></td> <td><b>Subsidies</b></td> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>2021</td> <td>125,000</td> <td>125,000</td> <td>0</td> <td>5410</td> <td></td> </tr> <tr> <td>2022</td> <td>125,000</td> <td>125,000</td> <td>0</td> <td></td> <td>125,000</td> <td>125,000</td> <td>175,000</td> <td>175,000</td> <td>175,000</td> <td>200,000</td> <td>200,000</td> <td>200,000</td> <td>200,000</td> <td>200,000</td> <td>1,775,000</td> </tr> <tr> <td>2023</td> <td>175,000</td> <td>175,000</td> <td>0</td> <td></td> <td>Total</td> <td>125,000</td> <td>125,000</td> <td>175,000</td> <td>175,000</td> <td>175,000</td> <td>200,000</td> <td>200,000</td> <td>200,000</td> <td>200,000</td> <td>1,775,000</td> </tr> <tr> <td>2024</td> <td>175,000</td> <td>175,000</td> <td>0</td> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>2025</td> <td>175,000</td> <td>175,000</td> <td>0</td> <td>028</td> <td></td> </tr> <tr> <td>2026</td> <td>200,000</td> <td>200,000</td> <td>0</td> <td></td> <td>125,000</td> <td>125,000</td> <td>175,000</td> <td>175,000</td> <td>175,000</td> <td>200,000</td> <td>200,000</td> <td>200,000</td> <td>200,000</td> <td>200,000</td> <td>1,775,000</td> </tr> <tr> <td>2027</td> <td>200,000</td> <td>200,000</td> <td>0</td> <td></td> <td>Total</td> <td>125,000</td> <td>125,000</td> <td>175,000</td> <td>175,000</td> <td>175,000</td> <td>200,000</td> <td>200,000</td> <td>200,000</td> <td>200,000</td> <td>1,775,000</td> </tr> <tr> <td>2028</td> <td>200,000</td> <td>200,000</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td>2029</td> <td>200,000</td> <td>200,000</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td>2030</td> <td>200,000</td> <td>200,000</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td></td> <td><b>1,775,000</b></td> <td><b>1,775,000</b></td> <td><b>0</b></td> <td colspan="12"></td> </tr> </tbody> </table>															Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												2021	125,000	125,000	0	5410												2022	125,000	125,000	0		125,000	125,000	175,000	175,000	175,000	200,000	200,000	200,000	200,000	200,000	1,775,000	2023	175,000	175,000	0		Total	125,000	125,000	175,000	175,000	175,000	200,000	200,000	200,000	200,000	1,775,000	2024	175,000	175,000	0	<b>Revenues</b>												2025	175,000	175,000	0	028												2026	200,000	200,000	0		125,000	125,000	175,000	175,000	175,000	200,000	200,000	200,000	200,000	200,000	1,775,000	2027	200,000	200,000	0		Total	125,000	125,000	175,000	175,000	175,000	200,000	200,000	200,000	200,000	1,775,000	2028	200,000	200,000	0													2029	200,000	200,000	0													2030	200,000	200,000	0														<b>1,775,000</b>	<b>1,775,000</b>	<b>0</b>												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>																																																																																																																																																																																																																												
2021	125,000	125,000	0	5410																																																																																																																																																																																																																												
2022	125,000	125,000	0		125,000	125,000	175,000	175,000	175,000	200,000	200,000	200,000	200,000	200,000	1,775,000																																																																																																																																																																																																																	
2023	175,000	175,000	0		Total	125,000	125,000	175,000	175,000	175,000	200,000	200,000	200,000	200,000	1,775,000																																																																																																																																																																																																																	
2024	175,000	175,000	0	<b>Revenues</b>																																																																																																																																																																																																																												
2025	175,000	175,000	0	028																																																																																																																																																																																																																												
2026	200,000	200,000	0		125,000	125,000	175,000	175,000	175,000	200,000	200,000	200,000	200,000	200,000	1,775,000																																																																																																																																																																																																																	
2027	200,000	200,000	0		Total	125,000	125,000	175,000	175,000	175,000	200,000	200,000	200,000	200,000	1,775,000																																																																																																																																																																																																																	
2028	200,000	200,000	0																																																																																																																																																																																																																													
2029	200,000	200,000	0																																																																																																																																																																																																																													
2030	200,000	200,000	0																																																																																																																																																																																																																													
	<b>1,775,000</b>	<b>1,775,000</b>	<b>0</b>																																																																																																																																																																																																																													
<b>Historical Approved Budget</b>																																																																																																																																																																																																																																
<b>Related Projects</b>				<b>Operating Budget Impact</b>																																																																																																																																																																																																																												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>						<b>Est. Completion Date</b>																																																																																																																																																																																																																						
2021		Growth: 0.0 % Maintenance: 100.0 %																																																																																																																																																																																																																														



# Project Version Summary

<b>Project #</b>	ENG-012-20	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Capital Improvements to East Riverside Flood Protection Dikes		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	Ward 6, Ward 7		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				2029: Priority 1 - Backflow prevention measures where the storm sewer system crosses under the diking system \$1.6M 2030: Priority 2 - Phased dike improvements for area west of Little River \$5.0M 2031+: Priority 2 & 3 - Phased dike improvements for area west & east of Little River \$15.0M												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		Revenue		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	5410 Construction Contracts - TCA												
2022	0	0	0		0	0	0	0	0	0	0	0	1,600,000	5,000,000	6,600,000	
2023	0	0	0	Total	0	0	0	0	0	0	0	0	1,600,000	5,000,000	6,600,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	028 Sewer Surcharge												
2026	0	0	0		0	0	0	0	0	0	0	0	1,600,000	5,000,000	6,600,000	
2027	0	0	0	Total	0	0	0	0	0	0	0	0	1,600,000	5,000,000	6,600,000	
2028	0	0	0													
2029	1,600,000	1,600,000	0													
2030	5,000,000	5,000,000	0													
	<b>6,600,000</b>	<b>6,600,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												

2020	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %	Anna Godo	2028+
------	-----------------	----------------------------------	-----------	-------



# Project Version Summary

<b>Project #</b>	ENG-013-20	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Sandwich St. Sewer Rehabilitation		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7209009				COMMITMENT: CR139/2020 - C 51/2020 - 2021 F028 \$3,115,800 - 2021 F221 \$1,625,000 - 2022 F028 \$2,030,000 - 2023 F028 \$2,030,000 - 2024 F028 \$1,413,750 - 2024 F221 \$300,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	5410	Construction Contracts - TCA											
2021	4,740,800	4,740,800	0		4,740,800	2,030,000	2,030,000	1,713,750	0	0	0	0	0	0	10,514,550	
2022	2,030,000	2,030,000	0													
2023	2,030,000	2,030,000	0													
2024	1,713,750	1,713,750	0													
2025	0	0	0													
2026	0	0	0													
2027	0	0	0													
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>10,514,550</b>	<b>10,514,550</b>	<b>0</b>													
				<b>Revenues</b>												
				028CF	Committed Funding											
					3,115,800	2,030,000	2,030,000	1,413,750	0	0	0	0	0	0	8,589,550	
				221CF	Committed Funding											
					1,625,000	0	0	300,000	0	0	0	0	0	0	1,925,000	
					<b>Total 4,740,800</b>	<b>2,030,000</b>	<b>2,030,000</b>	<b>1,713,750</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,514,550</b>	
<b>Historical Approved Budget</b>																
				<b>Revenue</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2020	1,255,000	1,255,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												

2020		Growth: 0.0 % Maintenance: 100.0 %	Joe Dattilo	2021`
------	--	------------------------------------	-------------	-------



# Project Version Summary

<b>Project #</b>	ENG-023-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Connaught Street Reconstruction		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>													
As per the approved 2017 enhanced Capital Budget 5-year plan. The construction of sewer and road rehabilitation from Prince Road to Felix Avenue.				This project is complete pending funding allocation.													
<b>Project Comments/Reference</b>				<b>Version Comments</b>													
7171064				COMMITMENT: CR201/2017 - C 49/2017 - 2021 F221 \$715,000													
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>													
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>		
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>													
2021	715,000	715,000	0	5410	Construction Contracts - TCA												
2022	0	0	0		715,000	0	0	0	0	0	0	0	0	0	0	715,000	
2023	0	0	0	Total				715,000	0	0	0	0	0	0	0	0	715,000
2024	0	0	0	<b>Revenues</b>													
2025	0	0	0	221	Service Sustainability Investm												
2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	
2027	0	0	0	221CF	Committed Funding												
2028	0	0	0		715,000	0	0	0	0	0	0	0	0	0	0	715,000	
2029	0	0	0	Total				715,000	0	0	0	0	0	0	0	0	715,000
2030	0	0	0														
		<b>715,000</b>	<b>715,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>													
<b>Related Projects</b>																	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>								
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Adam Mourad					2018`								



# Project Version Summary

<b>Project #</b>	ENG-026-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Sandwich Street - Roundabout and Archeological Study		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																																		
This project is the construction of a roundabout at University Ave and Riverside Dr.				Roundabout at University Ave. and Riverside Dr. including engineering and land acquisition as well as an archeological study. This project is complete pending funding allocation.																																																																																																																																																																																																																																		
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																																		
7171001				COMMITMENT: CR76/2017 - C 36/2017 - 2021 F169 \$850,000 CR675/2018 - C 214/2018 - 2021 F169 \$300,000  B14/2021, C 14/2021-Reallocation of a 2023 F221 \$375,000 Commitment from in ECB-033-18 - Reginald St. - Pillette to Norman originally approved on CR507/2018																																																																																																																																																																																																																																		
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																																		
<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>2021</td><td>1,150,000</td><td>1,150,000</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>375,000</td><td>375,000</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>0</td><td>0</td><td>0</td></tr> <tr><td>2029</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2030</td><td>0</td><td>0</td><td>0</td></tr> <tr><td><b>Total</b></td><td><b>1,525,000</b></td><td><b>1,525,000</b></td><td><b>0</b></td></tr> </tbody> </table>						Revenue		Year	Total Expense	Net City Cost	Subsidies	2021	1,150,000	1,150,000	0	2022	0	0	0	2023	375,000	375,000	0	2024	0	0	0	2025	0	0	0	2026	0	0	0	2027	0	0	0	2028	0	0	0	2029	0	0	0	2030	0	0	0	<b>Total</b>	<b>1,525,000</b>	<b>1,525,000</b>	<b>0</b>	<table border="1"> <thead> <tr> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="13"><b>Expenses</b></td> </tr> <tr> <td>5410</td> <td colspan="12">Construction Contracts - TCA</td> </tr> <tr> <td></td> <td>1,150,000</td> <td>0</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>1,525,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>1,150,000</b></td> <td><b>0</b></td> <td><b>375,000</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>1,525,000</b></td> </tr> <tr> <td colspan="13"><b>Revenues</b></td> </tr> <tr> <td>169</td> <td colspan="12">Pay As You Go - Capital Reserve</td> </tr> <tr> <td></td> <td>0</td> </tr> <tr> <td>169CF</td> <td colspan="12">Committed Funding</td> </tr> <tr> <td></td> <td>1,150,000</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>0</td> <td>1,150,000</td> </tr> <tr> <td>221CF</td> <td colspan="12">Committed Funding</td> </tr> <tr> <td></td> <td>0</td> <td>0</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>375,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>1,150,000</b></td> <td><b>0</b></td> <td><b>375,000</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>1,525,000</b></td> </tr> </tbody> </table>													GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>													5410	Construction Contracts - TCA													1,150,000	0	375,000	0	0	0	0	0	0	0	1,525,000	<b>Total</b>	<b>1,150,000</b>	<b>0</b>	<b>375,000</b>	<b>0</b>	<b>1,525,000</b>	<b>Revenues</b>													169	Pay As You Go - Capital Reserve													0	0	0	0	0	0	0	0	0	0	0	169CF	Committed Funding													1,150,000	0	0	0	0	0	0	0	0	0	1,150,000	221CF	Committed Funding													0	0	375,000	0	0	0	0	0	0	0	375,000	<b>Total</b>	<b>1,150,000</b>	<b>0</b>	<b>375,000</b>	<b>0</b>	<b>1,525,000</b>												
		Revenue																																																																																																																																																																																																																																				
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																																			
2021	1,150,000	1,150,000	0																																																																																																																																																																																																																																			
2022	0	0	0																																																																																																																																																																																																																																			
2023	375,000	375,000	0																																																																																																																																																																																																																																			
2024	0	0	0																																																																																																																																																																																																																																			
2025	0	0	0																																																																																																																																																																																																																																			
2026	0	0	0																																																																																																																																																																																																																																			
2027	0	0	0																																																																																																																																																																																																																																			
2028	0	0	0																																																																																																																																																																																																																																			
2029	0	0	0																																																																																																																																																																																																																																			
2030	0	0	0																																																																																																																																																																																																																																			
<b>Total</b>	<b>1,525,000</b>	<b>1,525,000</b>	<b>0</b>																																																																																																																																																																																																																																			
GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																											
<b>Expenses</b>																																																																																																																																																																																																																																						
5410	Construction Contracts - TCA																																																																																																																																																																																																																																					
	1,150,000	0	375,000	0	0	0	0	0	0	0	1,525,000																																																																																																																																																																																																																											
<b>Total</b>	<b>1,150,000</b>	<b>0</b>	<b>375,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,525,000</b>																																																																																																																																																																																																																											
<b>Revenues</b>																																																																																																																																																																																																																																						
169	Pay As You Go - Capital Reserve																																																																																																																																																																																																																																					
	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																											
169CF	Committed Funding																																																																																																																																																																																																																																					
	1,150,000	0	0	0	0	0	0	0	0	0	1,150,000																																																																																																																																																																																																																											
221CF	Committed Funding																																																																																																																																																																																																																																					
	0	0	375,000	0	0	0	0	0	0	0	375,000																																																																																																																																																																																																																											
<b>Total</b>	<b>1,150,000</b>	<b>0</b>	<b>375,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,525,000</b>																																																																																																																																																																																																																											
<b>Historical Approved Budget</b>																																																																																																																																																																																																																																						
<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>2019</td> <td>500,000</td> <td>500,000</td> <td>0</td> </tr> </tbody> </table>						Revenue		Year	Total Expense	Net City Cost	Subsidies	2019	500,000	500,000	0																																																																																																																																																																																																																							
		Revenue																																																																																																																																																																																																																																				
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																																			
2019	500,000	500,000	0																																																																																																																																																																																																																																			
<b>Related Projects</b>				<b>Operating Budget Impact</b>																																																																																																																																																																																																																																		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>							<b>Est. Completion Date</b>																																																																																																																																																																																																																											
2017	January 23, 2017	Growth: 100.0 % Maintenance: 0.0 %		Tiffany Pocock							2019																																																																																																																																																																																																																											



# Project Version Summary

<b>Project #</b>	ENG-031-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Norman Road - Engineering - Tecumseh to Adstoll		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	Ward 8		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																																				
As per the approved 2017 enhanced Capital Budget 5-year plan. Sewer Rehabilitation.				This project is complete pending funding allocation.																																																																																																																																																																																																																																				
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																																				
7171078				COMMITMENT: CR201/2017 - C 49/2017 - 2021 F221 \$100,000																																																																																																																																																																																																																																				
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																																				
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th colspan="13"></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>2021</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td colspan="13"><b>Expenses</b></td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> <td>5410</td> <td colspan="11">Construction Contracts - TCA</td> <td></td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>100,000</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>0</td> <td>100,000</td> </tr> <tr> <td>2024</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>Total</td> <td>100,000</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>100,000</td> </tr> <tr> <td>2025</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="13"><b>Revenues</b></td> </tr> <tr> <td>2026</td> <td>0</td> <td>0</td> <td>0</td> <td>221</td> <td colspan="11">Service Sustainability Investm</td> <td></td> </tr> <tr> <td>2027</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> </tr> <tr> <td>2028</td> <td>0</td> <td>0</td> <td>0</td> <td>221CF</td> <td colspan="11">Committed Funding</td> <td></td> </tr> <tr> <td>2029</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>100,000</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>0</td> <td>100,000</td> </tr> <tr> <td>2030</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>Total</td> <td>100,000</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>100,000</td> </tr> <tr> <td colspan="2"></td> <td>100,000</td> <td>100,000</td> <td>0</td> <td colspan="13"></td> </tr> </tbody> </table>						Revenue															Year	Total Expense	Net City Cost	Subsidies	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	2021	100,000	100,000	0	<b>Expenses</b>													2022	0	0	0	5410	Construction Contracts - TCA												2023	0	0	0		100,000	0	0	0	0	0	0	0	0	0	100,000	2024	0	0	0		Total	100,000	0	0	0	0	0	0	0	0	100,000	2025	0	0	0	<b>Revenues</b>													2026	0	0	0	221	Service Sustainability Investm												2027	0	0	0		0	0	0	0	0	0	0	0	0	0	0	2028	0	0	0	221CF	Committed Funding												2029	0	0	0		100,000	0	0	0	0	0	0	0	0	0	100,000	2030	0	0	0		Total	100,000	0	0	0	0	0	0	0	0	100,000			100,000	100,000	0																										
		Revenue																																																																																																																																																																																																																																						
Year	Total Expense	Net City Cost	Subsidies	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																									
2021	100,000	100,000	0	<b>Expenses</b>																																																																																																																																																																																																																																				
2022	0	0	0	5410	Construction Contracts - TCA																																																																																																																																																																																																																																			
2023	0	0	0		100,000	0	0	0	0	0	0	0	0	0	100,000																																																																																																																																																																																																																									
2024	0	0	0		Total	100,000	0	0	0	0	0	0	0	0	100,000																																																																																																																																																																																																																									
2025	0	0	0	<b>Revenues</b>																																																																																																																																																																																																																																				
2026	0	0	0	221	Service Sustainability Investm																																																																																																																																																																																																																																			
2027	0	0	0		0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																									
2028	0	0	0	221CF	Committed Funding																																																																																																																																																																																																																																			
2029	0	0	0		100,000	0	0	0	0	0	0	0	0	0	100,000																																																																																																																																																																																																																									
2030	0	0	0		Total	100,000	0	0	0	0	0	0	0	0	100,000																																																																																																																																																																																																																									
		100,000	100,000	0																																																																																																																																																																																																																																				
<b>Historical Approved Budget</b>																																																																																																																																																																																																																																								
<b>Related Projects</b>				<b>Operating Budget Impact</b>																																																																																																																																																																																																																																				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>																																																																																																																																																																																																																																				
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %	Janelle Coombs	2019`																																																																																																																																																																																																																																				



# Project Version Summary

<b>Project #</b>	OPS-012-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Design & Development and Geomatics
<b>Title</b>	Streetlights on South National		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 8		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																												
As per the approved 2017 enhanced Capital Budget 5-year plan, as per CR201/2017, report C 49/2017.				This project is complete pending funding allocation.																																																																																																																																																																																																																												
Project is construction of street lights installed on South National, from Jefferson to Pillette in order to provide adequate lighting for the recently constructed multi-use facility.																																																																																																																																																																																																																																
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																												
7171079				COMMITMENT: CR201/2017 - C 49/2017 - 2021 F169 \$105,000																																																																																																																																																																																																																												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																												
				<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th colspan="12"></th> </tr> </thead> <tbody> <tr> <td>2021</td> <td>105,000</td> <td>105,000</td> <td>0</td> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> <td>5410</td> <td>Construction Contracts - TCA</td> <td></td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>105,000</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>0</td> <td>105,000</td> </tr> <tr> <td>2024</td> <td>0</td> <td>0</td> <td>0</td> <td>Total</td> <td>105,000</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>0</td> <td>105,000</td> </tr> <tr> <td>2025</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>2026</td> <td>0</td> <td>0</td> <td>0</td> <td>169</td> <td>Pay As You Go - Capital Reserve</td> <td></td> </tr> <tr> <td>2027</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> </tr> <tr> <td>2028</td> <td>0</td> <td>0</td> <td>0</td> <td>169CF</td> <td>Committed Funding</td> <td></td> </tr> <tr> <td>2029</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>105,000</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>0</td> <td>105,000</td> </tr> <tr> <td>2030</td> <td>0</td> <td>0</td> <td>0</td> <td>Total</td> <td>105,000</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>0</td> <td>105,000</td> </tr> <tr> <td></td> <td><b>105,000</b></td> <td><b>105,000</b></td> <td><b>0</b></td> <td colspan="12"></td> </tr> </tbody> </table>															Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	Year	Total Expense	Net City Cost	Subsidies													2021	105,000	105,000	0	<b>Expenses</b>												2022	0	0	0	5410	Construction Contracts - TCA											2023	0	0	0		105,000	0	0	0	0	0	0	0	0	0	105,000	2024	0	0	0	Total	105,000	0	0	0	0	0	0	0	0	0	105,000	2025	0	0	0	<b>Revenues</b>												2026	0	0	0	169	Pay As You Go - Capital Reserve											2027	0	0	0		0	0	0	0	0	0	0	0	0	0	0	2028	0	0	0	169CF	Committed Funding											2029	0	0	0		105,000	0	0	0	0	0	0	0	0	0	105,000	2030	0	0	0	Total	105,000	0	0	0	0	0	0	0	0	0	105,000		<b>105,000</b>	<b>105,000</b>	<b>0</b>												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																	
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																													
2021	105,000	105,000	0	<b>Expenses</b>																																																																																																																																																																																																																												
2022	0	0	0	5410	Construction Contracts - TCA																																																																																																																																																																																																																											
2023	0	0	0		105,000	0	0	0	0	0	0	0	0	0	105,000																																																																																																																																																																																																																	
2024	0	0	0	Total	105,000	0	0	0	0	0	0	0	0	0	105,000																																																																																																																																																																																																																	
2025	0	0	0	<b>Revenues</b>																																																																																																																																																																																																																												
2026	0	0	0	169	Pay As You Go - Capital Reserve																																																																																																																																																																																																																											
2027	0	0	0		0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																	
2028	0	0	0	169CF	Committed Funding																																																																																																																																																																																																																											
2029	0	0	0		105,000	0	0	0	0	0	0	0	0	0	105,000																																																																																																																																																																																																																	
2030	0	0	0	Total	105,000	0	0	0	0	0	0	0	0	0	105,000																																																																																																																																																																																																																	
	<b>105,000</b>	<b>105,000</b>	<b>0</b>																																																																																																																																																																																																																													
<b>Historical Approved Budget</b>																																																																																																																																																																																																																																
<b>Related Projects</b>				<b>Operating Budget Impact</b>																																																																																																																																																																																																																												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>																																																																																																																																																																																																																												
2017	January 23, 2017	Growth: 100.0 % Maintenance: 0.0 %	Tiffany Pocock	2018`																																																																																																																																																																																																																												



# Project Version Summary

<b>Project #</b>	ENG-001-19	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Pollution Control
<b>Title</b>	Bio-Solids / Source Organics Disposal Study		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	2915 Consulting Services - External												
2022	0	0	0		0	0	0	0	0	0	0	0	500,000	0	500,000	
2023	0	0	0	Total	0	0	0	0	0	0	0	0	500,000	0	500,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	028 Sewer Surcharge												
2026	0	0	0		0	0	0	0	0	0	0	0	250,000	0	250,000	
2027	0	0	0	169 Pay As You Go - Capital Reserve												
2028	0	0	0		0	0	0	0	0	0	0	0	250,000	0	250,000	
2029	500,000	500,000	0	Total	0	0	0	0	0	0	0	0	500,000	0	500,000	
2030	0	0	0													
	<b>500,000</b>	<b>500,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2019	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Mark Winterton					December 2020`							



# Project Version Summary

<b>Project #</b>	ENV-001-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Pollution Control
<b>Title</b>	Lou Romano Water Reclamation Plant		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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.</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>	<p>2021 Capital Works: \$4,455,000            \$100,000 HVAC Units            \$250,000 BAF Cell Concrete Repairs            \$500,000 RS Pump Rebuilds            \$200,000 Main Pumphouse Valves and Actuators            \$250,000 MPH Upgrade RS1 &amp; RS2 VFDs &amp; Auto H.D.            \$200,000 BAF Valve Replacement            \$150,000 BAF - BWT1 &amp; BWT2 VFD replacement            \$100,000 Sluice Gate Refurbishment            \$30,000 Health &amp; Safety            \$20,000 Grit Building Cyclone Neoprene Liners            \$500,000 Security            \$200,000 Alum Dosing Repiping            \$400,000 Confined Space Elimination in MPH            \$130,000 Transformer Compound wall            \$850,000 Scales            \$200,000 Redesign Sodium Hyp delivery system (COVID)            \$75,000 Window Replacement            \$300,000 Miscellaneous</p>
Project Comments/Reference	Version Comments
<p>See Document Attached.            Open: 7161007/7169002/7172001-7172003/7172006/7189007/7189008/ 7191027/ 7191028/ 7191029/7202000/ 7202001/ 7203000            Closed: 7091009/7141036/7141037/7141038/7161006/7152002/ 7141035/7172004/7172005/7189004/7189006            New 2021: 7212001, 7213000, 7212002, 7212003, 7211021, 7219004, 7211022, 7211023, 7211024, 7212004, 7212005, 7211043, 7213001</p>	

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	4,455,000	4,455,000	0	5410	Construction Contracts - TCA											
2022	3,385,000	3,385,000	0		4,455,000	3,385,000	3,023,000	1,840,000	1,820,000	2,103,000	1,020,000	1,995,000	628,000	2,020,000	22,289,000	
2023	3,023,000	3,023,000	0		Total	4,455,000	3,385,000	3,023,000	1,840,000	1,820,000	2,103,000	1,020,000	1,995,000	628,000	2,020,000	22,289,000
2024	1,840,000	1,840,000	0			0										
2025	1,820,000	1,820,000	0	Revenues												
2026	2,103,000	2,103,000	0	208	Pollution Control Reserve											
2027	1,020,000	1,020,000	0		4,455,000	3,385,000	3,023,000	1,840,000	1,820,000	2,103,000	1,020,000	1,995,000	628,000	2,020,000	22,289,000	
2028	1,995,000	1,995,000	0		Total	4,455,000	3,385,000	3,023,000	1,840,000	1,820,000	2,103,000	1,020,000	1,995,000	628,000	2,020,000	22,289,000
2029	628,000	628,000	0			0										
2030	2,020,000	2,020,000	0													
	<b>22,289,000</b>	<b>22,289,000</b>	<b>0</b>													
Historical Approved Budget																
		Revenue														
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													
2020	2,350,000	2,350,000	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 2021		Project Lead				Est. Completion Date								
2008	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %		Various				Ongoing`								

**Project Attachments  
For: 2021**

Project # ENV-001-08

Project Name: Lou Romano Water Reclamation Plant

	Project ID	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031+	Total
Lab equipment											\$200,000		\$200,000
Grit Equipment Rebuilds / Replacements												\$500,000	\$500,000
HVAC units	NEW	\$100,000	\$100,000										\$200,000
BAF Process Turbo Air Blowers				\$100,000				\$100,000				\$100,000	\$300,000
BAF Cell Concrete Repairs	NEW	\$250,000	\$270,000	\$300,000									\$820,000
RS Pump Rebuilds	NEW	\$500,000										\$500,000	\$1,000,000
Variable Speed Drives									\$200,000				\$200,000
SCADA Equipment			\$20,000	\$20,000	\$20,000				\$225,000			\$225,000	\$510,000
BAF Valve repair/replacement				\$133,000			\$133,000			\$133,000		\$266,000	\$665,000
Bar Screens Rakes and Conveyors											\$100,000		\$100,000
Fine Screens				\$100,000			\$100,000			\$75,000		\$75,000	\$350,000
BAF FCS spare screen or alternate						\$200,000						\$200,000	\$400,000
PST refurbish (No 3 rake arm 2022)			\$100,000		\$600,000		\$800,000		\$800,000			\$800,000	\$3,100,000
Main Pumphouse Valves and Actuators	NEW	\$200,000	\$200,000	\$200,000									\$600,000
MPH Install new motors and VFDs for RS3 & RS4			\$250,000	\$250,000									\$500,000
MPH Upgrade RS1 & RS2 VFDs & Auto H.D.	NEW	\$250,000	\$250,000										\$500,000
Channel Refurbishment				\$250,000			\$350,000					\$200,000	\$800,000
BAF Cell Refurbishment				\$400,000	\$400,000	\$400,000					\$500,000	\$2,500,000	\$4,200,000
BAF Valve replacement	7191028	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000				\$900,000
BAF - BWT1 & BWT2 VFD replacement	NEW	\$150,000	\$150,000									\$300,000	\$600,000
UV Module Replacement				\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	\$650,000
Sluice Gate Refurbishment	7172006	\$100,000		\$100,000									\$200,000
Health & Safety	NEW	\$30,000											\$30,000
Inlet Refurbishment			\$200,000					\$200,000				\$400,000	\$800,000
Main Pumphouse Piping						\$500,000						\$1,000,000	\$1,500,000
Grit Building Cyclone Neoprene Liners	NEW	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000	\$300,000
Security	7189008	\$500,000											\$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											\$800,000		\$800,000
Metering Chamber - Side 2				\$200,000									\$200,000
Alum Dosing Repiping	7202000	\$200,000											\$200,000
Parking Lot Rehabilitation			\$300,000										\$300,000
Confined Space Elimination in MPH	NEW	\$400,000											\$400,000
Transformer Compound wall	NEW	\$130,000											\$130,000
Scales	NEW	\$850,000											\$850,000
Redesign Sodium Hyp delivery system (COVID)	NEW	\$200,000	\$800,000										\$1,000,000
New Centrifuges				\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000				\$1,500,000
Window Replacement	NEW	\$75,000	\$75,000										\$150,000
Miscellaneous	7169002	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$350,000	\$350,000	\$350,000	\$1,900,000	\$5,050,000
<b>Total</b>		<b>\$4,455,000</b>	<b>\$3,385,000</b>	<b>\$3,023,000</b>	<b>\$1,840,000</b>	<b>\$1,820,000</b>	<b>\$2,103,000</b>	<b>\$1,020,000</b>	<b>\$1,995,000</b>	<b>\$628,000</b>	<b>\$2,020,000</b>	<b>\$9,316,000</b>	<b>\$31,605,000</b>

**2021 Anticipated Capital Works:**

HVAC Units: Heating and ventilating units in dewatering and Lab are past end of life.

BAF Cell Concrete Repairs: wiers of the 16 BAF Cells require repair of the concrete due to biological attack of surfaces

RS Pump Rebuilds: Raw Sewage Pumps are over 50 years old and require full refurbishment. This is ongoing funding for a large task.

Main Pumphouse Valves and Actuators: Valves are over 50 years old and are leaking and not holding back flows. Reliability in question.

MPH Upgrade RS1 & RS2 VFDs & Auto H.D. : Replacement of Variable frequency drives which dictate motor speed and maintain uniform flow through the plant optimizing chemical treatment

BAF - BWT1 & BWT2 VFD replacement : Variable frequency drive installation to maintain uniform flow during process and will reduce energy costs. (Typical for VFDs)

Sluice Gate Refurbishment : Gates in channels which control flow in to the plant are old over 50 years old and reliability of operation in question.

Health & Safety : Safety audit will require funding to address improvement. COVID as well.

Grit Building Cyclone Neoprene Liners : liners in grit cyclone separators require replacement due to abrasion in the process.

Security: improvements to gates, cameras and access in the plant

Alum Dosing Repiping: Install 3rd alum pump to maintain uniform chemical mixing improving performance and reducing alum usage.

Confined Space Elimination in MPH; funding required to provide increased ventilation to the inlet well to remove the H & S confined space designation.

Transformer Compound wall: Block separation is deteriorating and needs to be replaced before collapse.

Scales; a requirement from our Bioslids Contractor to get accurate accounting of tonnage delivered for processing.

Redesign Sodium Hyp delivery system (COVID): underground feed lines for Sodium hyperchloride dosing used for disinfection are deteriorating and require replacement.

Window Replacement: windows in admin building are single pane glass. Energy inefficiencies and leaking.

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

<b>Project #</b>	ENV-002-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Pollution Control
<b>Title</b>	Little River Pollution Control Plant		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version 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>	<p>2021 Capital Works: \$3,000,000            \$100,000 Misc. concrete tank and channel refurbish            \$120,000 Sluice Gate Refurbish            \$1,100,000 Locker Room / Lunch Room            \$50,000 Plant Wi-Fi            \$50,000 Plant Profinet cabling for process connection            \$400,000 Install 2 new Transformers            \$500,000 Security            \$150,000 RS Pump Rebuilds            \$150,000 Dewatering Odor Control            \$80,000 Core Intake            \$300,000 Miscellaneous</p>
Project Comments/Reference	Version Comments
<p>See Document Attached.</p> <p>Closed:            7091011/7141040/7161019/7161021/7164009//7161020/7172009/7172008</p> <p>Open: 7141039/7151016/7161022/7161023/7169004/7172007-7172011/7189009/7192004/7203001</p> <p>New 2021: 7219005, 7219006, 7211025, 7216000, 7211026, 7211027, 7211028</p>	

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	3,000,000	3,000,000	0	5410	Construction Contracts - TCA											
2022	2,500,000	2,500,000	0		3,000,000	2,500,000	4,270,000	1,950,000	570,000	800,000	920,000	800,000	570,000	350,000	15,730,000	
2023	4,270,000	4,270,000	0		Total	3,000,000	2,500,000	4,270,000	1,950,000	570,000	800,000	920,000	800,000	570,000	350,000	15,730,000
2024	1,950,000	1,950,000	0			0										
2025	570,000	570,000	0	Revenues												
2026	800,000	800,000	0	208	Pollution Control Reserve											
2027	920,000	920,000	0		3,000,000	2,500,000	4,270,000	1,950,000	570,000	800,000	920,000	800,000	570,000	350,000	15,730,000	
2028	800,000	800,000	0		Total	3,000,000	2,500,000	4,270,000	1,950,000	570,000	800,000	920,000	800,000	570,000	350,000	15,730,000
2029	570,000	570,000	0			0										
2030	350,000	350,000	0													
	<b>15,730,000</b>	<b>15,730,000</b>	<b>0</b>													
Historical Approved Budget																
		Revenue														
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													
2020	2,200,000	2,200,000	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 2021		Project Lead				Est. Completion Date								
2008	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %		Various				Ongoing`								

**Project Attachments  
For: 2021**

Project # ENV-002-08

Project Name: Little River Pollution Control Plant

	Project ID	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031+	Total
3- Schwing Pumps				\$500,000	\$200,000							\$300,000	\$1,000,000
UV System upgrade/replacement <b>COVID</b>			\$1,800,000	\$1,700,000									\$3,500,000
Plant 1 Chemical and pipe chase				\$700,000									\$700,000
RS Pump Rebuilds							\$50,000		\$50,000				\$100,000
PST refurbish							\$200,000	\$200,000	\$200,000			\$900,000	\$1,500,000
FST refurbish							\$200,000	\$200,000	\$200,000			\$900,000	\$1,500,000
Misc. concrete tank and channel refurbish	NEW	\$100,000		\$100,000		\$100,000		\$100,000		\$100,000		\$300,000	\$800,000
Aeration cell refurbish / piping				\$400,000	\$400,000							\$400,000	\$1,200,000
Sluice Gate Refurbish	NEW	\$120,000		\$120,000		\$120,000		\$120,000		\$120,000		\$360,000	\$960,000
Locker Room / Lunch Room	7151016	\$1,100,000	\$200,000										\$1,300,000
Sludge Pumphouse Valve Replacement				\$400,000									\$400,000
Grit Removal Rebuild					\$1,000,000								\$1,000,000
Plant Wi-Fi	NEW	\$50,000											\$50,000
Plant Profinet cabling for process connection	NEW	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000						\$300,000
Install 2 new Transformers	NEW	\$400,000											\$400,000
Phase 2 Gate security - Gate 1 Secondary gates	7161023	\$500,000											\$500,000
Rehabilitation/Replacement of RS Pumps	7189009	\$150,000											\$150,000
Dewatering Odor Control	NEW	\$150,000											\$150,000
Plant 2 Chemical Infrastructure Additional			\$150,000										\$150,000
Core Intake	NEW	\$80,000											\$80,000
Miscellaneous - sludge Pumphouses, aeration, UV	7169004	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$350,000	\$350,000	\$350,000	\$1,900,000	\$5,050,000
<b>Total</b>		<b>\$3,000,000</b>	<b>\$2,500,000</b>	<b>\$4,270,000</b>	<b>\$1,950,000</b>	<b>\$570,000</b>	<b>\$800,000</b>	<b>\$920,000</b>	<b>\$800,000</b>	<b>\$570,000</b>	<b>\$350,000</b>	<b>\$5,060,000</b>	<b>\$20,790,000</b>

**2021 Anticipated Capital Works:**

Misc. concrete tank and channel refurbish: fund established to address channel and tank relining

Sluice Gate Refurbish: Gates are very old and require maintenace and/or replacement to ensure reliability in storm events.

Locker Room / Lunch Room: Facility is too small and originally did not accommodate female staff. Wall is failing.

Plant Wi-Fi: To allow Chief Operator to monitor and control plant from the field.

Plant Profinet cabling for process connection: Required to allow Plant communications to process to be upgraded and allow monitoring and back-up from LRWRP.

Install 2 new Transformers: Transformers are 60 years old and one has failed already. End of life and imperative that they are in operation.

Security: Involves the updating of the perimeter access gate, controls and cameras to address updated site security measures.

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

Dewatering Odor Control: Replace permanganate chemical with alternate safer means of odour control. Scrubbers are at end of life, exploring ozonation.

Core Intake

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

<b>Project #</b>	ENV-003-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Pollution Control
<b>Title</b>	Pumping Stations Maintenance		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>Established for repairs to various pumping station facilities and other 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 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.</p> <p>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.</p>	<p>2021 Capital Works: \$710,000            \$220,000 Clairview            \$100,000 Howard Grade            \$100,000 Janette/Charl            \$50,000 Maplewood            \$30,000 Peter St            \$100,000 St. Paul            \$10,000 Wireless Upgrade            \$50,000 PLC upgrades            \$25,000 SCADAPak Upgrades            \$25,000 Pump/Pipe thickness testing</p>
Project Comments/Reference	Version Comments
<p>See Document Attached.            Closed:            7091010/7162003/7162004/7172012/7172013/7192005/7192006            Open: 7141042/7169003/7169004/7189010            New 2021: 7214000, 7219007, 7216001, 7212006, 7211029, 7219008, 7212009</p>	

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	710,000	710,000	0	5410	Construction Contracts - TCA											
2022	1,870,000	1,870,000	0		710,000	1,870,000	4,355,000	1,530,000	1,610,000	560,000	200,000	300,000	300,000	800,000	12,235,000	
2023	4,355,000	4,355,000	0		Total	710,000	1,870,000	4,355,000	1,530,000	1,610,000	560,000	200,000	300,000	300,000	800,000	12,235,000
2024	1,530,000	1,530,000	0	Revenues												
2025	1,610,000	1,610,000	0	208	Pollution Control Reserve											
2026	560,000	560,000	0		710,000	1,870,000	4,355,000	1,530,000	1,610,000	560,000	200,000	300,000	300,000	800,000	12,235,000	
2027	200,000	200,000	0		Total	710,000	1,870,000	4,355,000	1,530,000	1,610,000	560,000	200,000	300,000	300,000	800,000	12,235,000
2028	300,000	300,000	0													
2029	300,000	300,000	0													
2030	800,000	800,000	0													
	<b>12,235,000</b>	<b>12,235,000</b>	<b>0</b>													
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													
2020	250,000	250,000	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 2021	Project Lead	Est. Completion Date												
2008	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %	Various	Ongoing`												

**Project Attachments  
For: 2021**

**Project # ENV-003-08**

**Project Name: Pumping Stations**

Capital Project	Project IDs	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031+	Total
<b>Ambassador/Ojibway</b>													
Pumps/Diesel						\$130,000							\$130,000
MCC/Controls						\$100,000							\$100,000
<b>Aspen Lake</b>													
Dredging						\$250,000							\$250,000
<b>Woods (Caron)</b>													
Pump Rebuild/Replacement			\$200,000		\$200,000								\$400,000
Replace Actuators / Valves/Inspection						\$100,000							\$100,000
Bypass Gates / Inlet Valve			\$150,000										\$150,000
Building maintenance				\$50,000	\$50,000	\$200,000							\$300,000
Underground diesel tank			\$200,000	\$300,000									\$500,000
<b>Clairview</b>													
Pump Rebuild - low priority	NEW	\$100,000	\$100,000	\$100,000									\$300,000
Pump Duty				\$50,000	\$50,000								\$100,000
Inlet valve replacement - high priority	NEW	\$120,000											\$120,000
<b>Drouillard</b>													
MCC upgrade/replacement			\$100,000										\$100,000
<b>East Banwell</b>													
dredging/cleaning						\$50,000							\$50,000
<b>Grand Marais</b>													
diesel driven pump			\$150,000										\$150,000
<b>Howard Grade</b>													
pumps							\$160,000						\$160,000
HVAC	NEW	\$100,000											\$100,000
dredging										\$200,000			\$200,000
<b>Huron Estates</b>													
Pumps/Diesel					\$100,000								\$100,000
<b>Janette/Charl</b>													
Pumps/Diesel							\$200,000						\$200,000
upgrade/refurbish - ATS	NEW	\$100,000											\$100,000
<b>Jefferson</b>													
Pumps/Diesel					\$300,000								\$300,000
<b>Lakeview/Blue Heron Pond</b>													

**Project Attachments  
For: 2021**

**Project # ENV-003-08**

**Project Name: Pumping Stations**

Capital Project	Project IDs	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031+	Total
Dredging				\$400,000									\$400,000
<b>Maplewood</b>													
Pumps			\$100,000										\$100,000
Exterior grating	NEW	\$50,000											\$50,000
<b>Pontiac</b>													
Diesel / MCC				\$2,000,000									\$2,000,000
Screw pump refurbishment			\$400,000	\$450,000									\$850,000
<b>Primord</b>													
Duty selection			\$100,000										\$100,000
<b>Provincial (Legacy)</b>													
pumps			\$30,000	\$30,000	\$30,000								\$90,000
clean underground storage						\$80,000							\$80,000
<b>Peter St</b>													
replace check valve	NEW	\$30,000											\$30,000
<b>St. Paul</b>													
Bar screen/Trash rack	NEW	\$100,000	\$100,000										\$200,000
<b>Walker</b>													
pumps				\$150,000									\$150,000
dredging				\$500,000									\$500,000
<b>Wellington</b>													
diesel / mcc upgrade / replacement					\$500,000								\$500,000
spare pump #2			\$80,000										\$80,000
<b>Ypres</b>													
pumps											\$100,000		\$100,000
diesel / mcc						\$500,000							\$500,000
<b>General</b>													
Wireless Upgrade	NEW	\$10,000	\$10,000										\$20,000
PLC upgrades	NEW	\$50,000	\$100,000	\$100,000	\$100,000						\$200,000	\$200,000	\$750,000
SCADAPak Upgrades	NEW	\$25,000	\$25,000									\$100,000	\$150,000
Pump/Pipe thickness testing	NEW	\$25,000	\$25,000	\$25,000									\$75,000
Miscellaneous	7169003			\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$300,000	\$300,000	\$300,000	\$1,600,000	\$3,500,000
		<b>\$710,000</b>	<b>\$1,870,000</b>	<b>\$4,355,000</b>	<b>\$1,530,000</b>	<b>\$1,610,000</b>	<b>\$560,000</b>	<b>\$200,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$800,000</b>	<b>\$1,900,000</b>	<b>\$14,135,000</b>

**Project Attachments  
For: 2021**

**Project # ENV-003-08**

**Project Name: Pumping Stations**

Capital Project	Project IDs	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031+	Total

**2021 Anticipated Capital Works:**

Clairview: Replacement of Inlet valve

Howard Grade: HVAC system failing and maintenance costs escalating.

Janette/Charl: MCC and automatic transfer switch at end of life.

Maplewood: Exterior grating corroding and requires replacement

Peter St: Check valve is leaking and requires replacement

St. Paul: bar screen is corroding and requires replacement. Will require a temporary work around plan.

General: Various general projects related to Pump Stations

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

<b>Project #</b>	ECB-014-18	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Ypres Blvd. - Forest to Walker - Mill and Pave		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 4		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				Work to be completed during 2021-2022 construction season.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7183011(closed), 7211044																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	1,400,000	1,400,000	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													
2029	0	0	0													
2030	0	0	0													
	<b>1,400,000</b>	<b>1,400,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2020	247,000	247,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>						<b>Est. Completion Date</b>							
2018	March 1, 2018	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci						TBD`							



# Project Version Summary

<b>Project #</b>	ECB-016-18	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	St. Luke Rd. - Seminole to ETR - Reconstruction		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 5		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				Reconstruction work completed in 2019. Surface asphalt will be completed in 2020.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7184000				COMMITMENT: CR4/2019 - C 217/2018 - 2021 F221 \$459,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	459,000	459,000	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													
2029	0	0	0													
2030	0	0	0													
<b>459,000</b>																
<b>459,000</b>																
<b>0</b>																
<b>Expenses</b>																
				5410	Construction Contracts - TCA											
				459,000	0	0	0	0	0	0	0	0	0	0	0	459,000
				Total	459,000	0	0	0	0	0	0	0	0	0	459,000	
<b>Revenues</b>																
				221CF	Committed Funding											
				459,000	0	0	0	0	0	0	0	0	0	0	459,000	
				Total	459,000	0	0	0	0	0	0	0	0	0	459,000	
<b>Historical Approved Budget</b>																
				<b>Revenue</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2018	51,000	51,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>						<b>Est. Completion Date</b>							
2018	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci						TBD`							



# Project Version Summary

<b>Project #</b>	ECB-019-18	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	St. Julien Rd. - George to Tourangeau - Reconstruction		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 5		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				Reconstruction work to be completed in 2020.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7184001				COMMITMENT: CR123/2018 - C 20/2018 - 2021 F221 \$155,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	155,000	155,000	0	5410 Construction Contracts - TCA												
2022	0	0	0	155,000 0 0 0 0 0 0 0 0 0 0 0 0 155,000												
2023	0	0	0	Total 155,000 0 0 0 0 0 0 0 0 0 0 0 0 155,000												
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	221CF Committed Funding												
2026	0	0	0	155,000 0 0 0 0 0 0 0 0 0 0 0 0 155,000												
2027	0	0	0	Total 155,000 0 0 0 0 0 0 0 0 0 0 0 0 155,000												
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
<b>155,000</b>				<b>155,000</b>												
<b>0</b>																
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>						<b>Est. Completion Date</b>							
2018	March 1, 2018	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci						TBD`							



# Project Version Summary

<b>Project #</b>	ECB-027-18	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Briarbank Dr. - Mill and Pave		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 7		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				Mill and Pave work completed in 2019.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7184002				COMMITMENT: CR123/2018 - C 20/2018 - 2021 F221 \$190,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	190,000	190,000	0	5410 Construction Contracts - TCA												
2022	0	0	0	190,000 0 0 0 0 0 0 0 0 0 0 0 0 190,000												
2023	0	0	0	Total 190,000 0 0 0 0 0 0 0 0 0 0 0 0 190,000												
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	221CF Committed Funding												
2026	0	0	0	190,000 0 0 0 0 0 0 0 0 0 0 0 0 190,000												
2027	0	0	0	Total 190,000 0 0 0 0 0 0 0 0 0 0 0 0 190,000												
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
<b>190,000</b>				<b>190,000</b>												
<b>0</b>																
<b>Historical Approved Budget</b>																
				<b>Revenue</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2019	7,000	7,000	0													
2020	143,000	143,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>							<b>Est. Completion Date</b>						
2018	March 1, 2018	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci							TBD`						



# Project Version Summary

<b>Project #</b>	ECB-030-18	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Wyandotte St. - St. Rose to Janisse - Repair WB, Reconstruct EB		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 6		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				Repair and reconstruction work completed in 2019.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7183019				COMMITMENT: CR4/2019 - C 217/2018 - 2023 F221 \$440,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0													
2022	0	0	0													
2023	440,000	440,000	0													
2024	0	0	0													
2025	0	0	0													
2026	0	0	0													
2027	0	0	0													
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
<b>440,000</b>				<b>440,000</b>				<b>0</b>					<b>0</b>			
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>					<b>Est. Completion Date</b>								
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Phong Nguy / Michael Cappucci					TBD`								



# Project Version Summary

<b>Project #</b>	ECB-031-18	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Courtland Cres. - South National to South National - Mill and Pave		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 7		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
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.				Mill and pave work completed in 2020.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7183020				COMMITMENT: CR4/2019 - C 217/2018 - 2023 F221 \$120,000											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>											
		<b>Net City Cost</b>	<b>Subsidies</b>	5410 Construction Contracts - TCA											
2021	0	0	0	0 0 120,000 0 0 0 0 0 0 0 0 0 0 120,000											
2022	0	0	0	Total 0 0 120,000 0 0 0 0 0 0 0 0 0 0 120,000											
2023	120,000	120,000	0	<b>Revenues</b>											
2024	0	0	0	221CF Committed Funding											
2025	0	0	0	0 0 120,000 0 0 0 0 0 0 0 0 0 0 120,000											
2026	0	0	0	Total 0 0 120,000 0 0 0 0 0 0 0 0 0 0 120,000											
2027	0	0	0												
2028	0	0	0												
2029	0	0	0												
2030	0	0	0												
	<b>120,000</b>	<b>120,000</b>	<b>0</b>												
<b>Historical Approved Budget</b>															
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>						
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Phong Nguy / Michael Cappucci					TBD`						



# Project Version Summary

<b>Project #</b>	ECB-032-18	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Annie St. - Tecumseh to Cul-de-sac - Mill and Pave		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 8		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				Mill and pave work will be completed in 2020.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7183021				COMMITMENT: CR4/2019 - C 217/2018 - 2023 F221 \$90,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	5410 Construction Contracts - TCA												
2022	0	0	0	0 0 90,000 0 0 0 0 0 0 0 0 0 0 90,000												
2023	90,000	90,000	0	Total 0 0 90,000 0 0 0 0 0 0 0 0 0 0 90,000												
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	221CF Committed Funding												
2026	0	0	0	0 0 90,000 0 0 0 0 0 0 0 0 0 0 90,000												
2027	0	0	0	Total 0 0 90,000 0 0 0 0 0 0 0 0 0 0 90,000												
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
<b>90,000</b>		<b>90,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>						<b>Est. Completion Date</b>							
2018	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Phong Nguy / Michael Cappucci						TBD`							



## Project Version Summary

<b>Project #</b>	ENG-007-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Basement Flooding Abatement Measures		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>This project will merge the following five programs, which used to be separate projects in the Capital Budget, into one project:</p> <ul style="list-style-type: none"> <li>-Closed Circuit Television (CCTV) Program – to evaluate sewer conditions and assist in capital planning</li> <li>-Smoke &amp; Dye Testing Program – to identify infiltration and cross connection issues for identification of repairs required to reduce basement flooding</li> <li>-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</li> <li>-Basement Flooding Mitigation Measures Program – for the implementation of a downspout disconnection program and investing in live flow monitoring equipment</li> <li>-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.</li> </ul> <p>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.</p>	<p>This project consolidates the following previously approved projects into one program:</p> <ol style="list-style-type: none"> <li>1) OPS-008-07 Closed Circuit Television (CCTV)</li> <li>2) OPS-003-10 Small Sewer Repairs</li> <li>3) ECP-001-12 Basement Flooding Mitigation Measures</li> <li>4) EIT-002-11 Basement Flooding Prevention Subsidy Program</li> </ol>
Project Comments/Reference	Version Comments
7169001	

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	4,450,000	4,450,000	0	5410	Construction Contracts - TCA										
2022	4,500,000	4,500,000	0		4,450,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	44,950,000
2023	4,500,000	4,500,000	0		Total	4,450,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	44,950,000
2024	4,500,000	4,500,000	0			0									
2025	4,500,000	4,500,000	0	Revenues											
2026	4,500,000	4,500,000	0	028	Sewer Surcharge										
2027	4,500,000	4,500,000	0		4,450,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	44,950,000
2028	4,500,000	4,500,000	0		Total	4,450,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	44,950,000
2029	4,500,000	4,500,000	0			0									
2030	4,500,000	4,500,000	0												
	<b>44,950,000</b>	<b>44,950,000</b>	<b>0</b>												
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												
2020	4,687,751	4,687,751	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description								Exp/(Rev)	FTE Impact	
				Unknown	This capital program budget allows for trenchless repairs of sewer deficiencies identified during CCTV and Zoom inspections of our sewer infrastructure. If deficiencies require extensive remedial work due to collapses or unmoveable obstructions, then the remedial action will be undertaken through the operational budget. Rehabilitation or remedial action undertaken under this capital program will allow work to be undertaken utilizing trenchless technology methods to expedite the required work with minimal surface disruptions. It will increase the life cycle of the infrastructure and can lead to decreased operation budget expenses as the remedial action could be undertaken using this projects funding before total failure of the infrastructure leading to collapse or total blockage which can only then be repaired or rehabilitated using methods other than trenchless methods.								0	0	
Year Identified	Start Date	Project Type for 2021		Project Lead				Est. Completion Date							
2016	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %		Phong Nguy / Andrew Lewis				Ongoing							



# Project Version Summary

<b>Project #</b>	OPS-001-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Road Rehabilitation - Various Locations Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>Citywide rehabilitation and reconstruction of existing paved roads comprises of 1,069 km (2374 lane km) including the E.C. Row Expressway. As of June 2020, 20.4% of the road system is rated 'Now Deficient'. The estimated replacement value of roads is approximately \$2.07 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 2021 and beyond are based on current assessed condition and applied asset management.</p>	<p>2021: Citywide Rehab (excl EC Row Rehab) = \$ 7,538,887 / EC Row Rehab = \$5,547,918            2022: Citywide Rehab (excl EC Row Rehab) = \$11,447,696 / EC Row Rehab = \$1,000,000            2023: Citywide Rehab (excl EC Row Rehab) = \$ 5,100,000 / EC Row Rehab = \$7,704,451            2024: Citywide Rehab (excl EC Row Rehab) = \$14,482,717 / EC Row Rehab = \$2,500,000            2025: Citywide Rehab (excl EC Row Rehab) = \$16,982,717 / EC Row Rehab = \$2,000,000            2026: Citywide Rehab (excl EC Row Rehab) = \$ 9,689,745 / EC Row Rehab = tbd            2027: Citywide Rehab (excl EC Row Rehab) = \$12,970,527 / EC Row Rehab = tbd            2028: Citywide Rehab (excl EC Row Rehab) = \$17,620,000 / EC Row Rehab = tbd            2029: Citywide Rehab (excl EC Row Rehab) = \$17,620,000 / EC Row Rehab = tbd            2030: Citywide Rehab (excl EC Row Rehab) = \$17,620,000 / EC Row Rehab = tbd</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>
Project Comments/Reference	Version Comments
<p>See Document Attached            (Closed: 7081001, 7091002, 7101001, 7111001, 7121001, 7131110, 7141025, 7151003, 7161027, 7171016, 7181024)            Active: 7181040, 7201002, 7192010, 7201029, 7211000</p>	<p>COMMITMENT:            CR522/2020, C 199/2020- \$3,311,000 F176 2021</p> <p>NOTE:            \$5,310,255 in F221 funding for years 2022-2026 has moved to OPS-002-21 as placeholder funding pending grant notification of Connecting Links 6. If we do not receive the grant, funding will return to its original project.</p> <p>NOTE:            Per CR16/2021, C 251/2020-Federal Gas Tax (Fund 176) funding identified and committed for the Connecting Links – Intake 5 (OPS-009-20) project has been exchanged for an equivalent amount of Service Sustainability (Fund 221) funding in the City-wide Road Rehabilitation (OPS-001-07) for the following amounts: 2021-\$915,000, 2022-\$915,000, 2023-\$919,930</p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	13,086,805	12,831,560	255,245	5410	Construction Contracts - TCA										
2022	12,447,696	12,447,696	0		13,086,805	12,447,696	12,804,451	16,982,717	18,982,717	9,689,745	12,970,527	17,620,000	17,620,000	17,620,000	149,824,658
2023	12,804,451	12,804,451	0		Total	13,086,805	12,447,696	12,804,451	16,982,717	18,982,717	9,689,745	12,970,527	17,620,000	17,620,000	149,824,658
2024	16,982,717	16,982,717	0	Revenues											
2025	18,982,717	18,982,717	0	169	Pay As You Go - Capital Reserve										
2026	9,689,745	9,689,745	0		0	0	0	0	0	0	0	0	0	0	0
2027	12,970,527	12,970,527	0	176	Federal Gas Tax Rebate										
2028	17,620,000	17,620,000	0		7,440,722	11,006,512	12,430,918	10,542,000	11,308,800	9,000,000	9,634,000	13,776,250	13,776,250	13,776,250	112,691,702
2029	17,620,000	17,620,000	0	176CF	Committed Funding										
2030	17,620,000	17,620,000	0		3,311,000	0	0	0	0	0	0	0	0	0	3,311,000
	<b>149,824,658</b>	<b>149,569,413</b>	<b>255,245</b>	221	Service Sustainability Investm										
					2,079,838	1,441,184	373,533	6,440,717	7,673,917	689,745	3,336,527	3,843,750	3,843,750	3,843,750	33,566,711
				6310	Ontario Specific Grants										
					116,014	0	0	0	0	0	0	0	0	0	116,014
				6320	Canada Specific Grants										
					139,231	0	0	0	0	0	0	0	0	0	139,231
					Total	13,086,805	12,447,696	12,804,451	16,982,717	18,982,717	9,689,745	12,970,527	17,620,000	17,620,000	149,824,658
						05									
Historical Approved Budget															
		Revenue													
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												
2020	10,302,074	10,302,074	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 repairs and maintenance.						0	0			
Year Identified	Start Date	Project Type for 2021		Project Lead				Est. Completion Date							
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Phong Nguy / Michael Cappucci				Ongoing`							

**PROPOSED 2021 ROAD REHABILITATION PROGRAM**

ITEM NO.	STREET	FROM	TO	REHAB. TYPE
1	CAMERON AVE	RIVERSIDE DR	CUL-DE-SAC	M
2	KILDARE RD	ASSUMPTION ST	WYANDOTTE ST E	R OR M
3	LABELLE STREET	ROCKWELL AVENUE	ALEXANDRA AVENUE	R
4	GLADSTONE	TECUMSEH	YPRES	R
5	MATCHETTE RD	EC ROW	CHAPPELL AVE	FDR
6	TECUMSEH ROAD EAST	WALKER RD	DROUILLARD RD	R/M
<b>TOTAL CITY WIDE REHABILITATION</b>			<b>\$ 7,538,887</b>	
<b>E.C. ROW REHABILITATION:</b>				
1	E.C. ROW E/B	DOMINION BLVD	DOUGALL AVE	R
<b>TOTAL E.C. ROW REHABILITATION</b>			<b>\$ 5,547,918</b>	
<b>TOTAL PROGRAM BUDGET</b>			<b>\$ 13,086,805</b>	

<b>M</b>	<b>Mill and Pave</b>
<b>R</b>	<b>Full Road Reconstruction</b>
<b>M/R</b>	<b>Mill &amp; Pave AND Road Reconstruction</b>
<b>PN</b>	<b>Panel / Joint repairs</b>
<b>LIP**</b>	<b>Rehabilitation after completion of Local Improvement</b>

**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
12	WAVERLY ST	LANGLOIS CRT	LIONEL DR	M
13	OJIBWAY ST	MORTON DR	BROADWAY ST	R
<b>TOTAL CITY WIDE REHABILITATION</b>			<b>\$ 11,447,696</b>	
<b>E.C. ROW REHABILITATION:</b>				
	E.C. ROW	TBD		
<b>TOTAL E.C. ROW REHABILITATION</b>			<b>\$ 1,000,000</b>	
<b>TOTAL PROGRAM BUDGET</b>			<b>\$ 12,447,696</b>	

<b>M</b>	<b>Mill and Pave</b>
<b>R</b>	<b>Full Road Reconstruction</b>
<b>M/R</b>	<b>Mill &amp; Pave AND Road Reconstruction</b>
<b>PN</b>	<b>Panel / Joint repairs</b>
<b>LIP**</b>	<b>Rehabilitation after completion of Local Improvement</b>

**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
<b>TOTAL CITY WIDE REHABILITATION</b>			<b>\$ 5,100,000</b>	
<b>E.C. ROW REHABILITATION:</b>				
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
<b>TOTAL E.C. ROW REHABILITATION</b>			<b>\$ 7,704,451</b>	
<b>TOTAL PROGRAM BUDGET</b>			<b>\$ 12,804,451</b>	

<b>M</b>	<b>Mill and Pave</b>
<b>R</b>	<b>Full Road Reconstruction</b>
<b>M/R</b>	<b>Mill &amp; Pave AND Road Reconstruction</b>
<b>PN</b>	<b>Panel / Joint repairs</b>
<b>LIP**</b>	<b>Rehabilitation after completion of Local Improvement</b>

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	HOWARD / TECUMSEH	INTERSECTION		R
8	COLLEGE AVE	HURON CHURCH RD	CALIFORNIA AVE	R
9	TECUMSEH RD W	HURON CHURCH RD	PRINCE RD	R/M
10	LAUZON	EC ROW	TECUMSEH	R/M
<b>TOTAL CITY WIDE REHABILITATION</b>			<b>\$ 14,482,717</b>	
<b>E.C. ROW REHABILITATION:</b>				
1	E.C. ROW	DOMINION BLVD	HURON CHURCH RD	R
<b>TOTAL E.C. ROW REHABILITATION</b>			<b>\$ 2,500,000</b>	
<b>TOTAL PROGRAM BUDGET</b>			<b>\$ 16,982,717</b>	

<b>M</b>	<b>Mill and Pave</b>
<b>R</b>	<b>Full Road Reconstruction</b>
<b>M/R</b>	<b>Mill &amp; Pave AND Road Reconstruction</b>
<b>PN</b>	<b>Panel / Joint repairs</b>
<b>LIP**</b>	<b>Rehabilitation after completion of Local Improvement</b>

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
7	DOUGALL PARKWAY	DOUGALL AVE	HIGHWAY 401	M
8	TECUMSEH RD	PILLETTE RD	CENTRAL AVE	M
<b>TOTAL CITY WIDE REHABILITATION</b>			<b>\$ 16,982,717</b>	
<b>E.C. ROW REHABILITATION:</b>				
	E.C. ROW	TBD		
<b>TOTAL E.C. ROW REHABILITATION</b>			<b>\$ 2,000,000</b>	
<b>TOTAL PROGRAM BUDGET</b>			<b>\$ 18,982,717</b>	

<b>M</b>	<b>Mill and Pave</b>
<b>R</b>	<b>Full Road Reconstruction</b>
<b>M/R</b>	<b>Mill &amp; Pave AND Road Reconstruction</b>
<b>PN</b>	<b>Panel / Joint repairs</b>
<b>LIP**</b>	<b>Rehabilitation after completion of Local Improvement</b>

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

<b>Project #</b>	OPS-001-11	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Minor Alley Maintenance Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description				Version Description												
The City has 79 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 2020, 40 kms of paved alley are "now" deficient, 20 kms will be "now" deficient in 1 - 5 years, 9 kms will be "now" deficient in 6 - 10 years, and 10 kms are considered "adequate".																
Project Comments/Reference				Version Comments												
7121000																
Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	100,000	100,000	0	Expenses												
2022	200,000	200,000	0	5410	Construction Contracts - TCA											
2023	200,000	200,000	0		100,000	200,000	200,000	200,000	200,000	200,000	200,000	250,000	250,000	250,000	2,050,000	
2024	200,000	200,000	0		Total	100,000	200,000	200,000	200,000	200,000	200,000	250,000	250,000	250,000	2,050,000	
2025	200,000	200,000	0	Revenues												
2026	200,000	200,000	0	221	Service Sustainability Investm											
2027	200,000	200,000	0		100,000	200,000	200,000	200,000	200,000	200,000	200,000	250,000	250,000	250,000	2,050,000	
2028	250,000	250,000	0		Total	100,000	200,000	200,000	200,000	200,000	200,000	250,000	250,000	250,000	2,050,000	
2029	250,000	250,000	0													
2030	250,000	250,000	0													
	<b>2,050,000</b>	<b>2,050,000</b>	<b>0</b>													
Historical Approved Budget																
Year	Total Expense	Revenue														
		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													
2020	100,000	100,000	0													

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date	
2011	January 1, 2016	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 an increase in the operating costs for temporary repairs and maintenance.	0 0



# Project Version Summary

<b>Project #</b>	OPS-002-10	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Civic Gateway Corridor Maintenance		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	Ward 10		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
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.															
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
<b>Revenue</b>															
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>											
2021	0	0	0	5410	Construction Contracts - TCA										
2022	0	0	0		0	0	0	200,000	0	0	0	0	0	0	200,000
2023	0	0	0		Total	0	0	0	200,000	0	0	0	0	0	200,000
2024	200,000	200,000	0	<b>Revenues</b>											
2025	0	0	0	221	Service Sustainability Investm										
2026	0	0	0		0	0	0	200,000	0	0	0	0	0	0	200,000
2027	0	0	0		Total	0	0	0	200,000	0	0	0	0	0	200,000
2028	0	0	0												
2029	0	0	0												
2030	0	0	0												
	<b>200,000</b>	<b>200,000</b>	<b>0</b>												
<b>Historical Approved Budget</b>															
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>	<b>Description</b>							<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact							0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>											
2010	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %	Phong Nguy	2024+											



## Project Version Summary

<b>Project #</b>	OPS-002-11	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Minor Road Deficiencies Rehabilitation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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.</p>	
Project Comments/Reference	Version Comments
7111023	

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	350,837	350,837	0	5410	Construction Contracts - TCA										
2022	3,259,111	3,259,111	0		350,837	3,259,111	2,967,386	4,075,660	4,133,934	3,800,000	3,800,000	3,000,000	3,000,000	3,000,000	31,386,928
2023	2,967,386	2,967,386	0		Total	350,837	3,259,111	2,967,386	4,075,660	4,133,934	3,800,000	3,800,000	3,000,000	3,000,000	31,386,928
2024	4,075,660	4,075,660	0	Revenues											
2025	4,133,934	4,133,934	0	221	Service Sustainability Investm										
2026	3,800,000	3,800,000	0		350,837	3,259,111	2,967,386	4,075,660	4,133,934	3,800,000	3,800,000	3,000,000	3,000,000	3,000,000	31,386,928
2027	3,800,000	3,800,000	0		Total	350,837	3,259,111	2,967,386	4,075,660	4,133,934	3,800,000	3,800,000	3,000,000	3,000,000	31,386,928
2028	3,000,000	3,000,000	0												
2029	3,000,000	3,000,000	0												
2030	3,000,000	3,000,000	0												
	<b>31,386,928</b>	<b>31,386,928</b>	<b>0</b>												
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												
2020	292,563	292,563	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 costs for temporary repairs and maintenance.							0	0		
Year Identified	Start Date	Project Type for 2021		Project Lead					Est. Completion Date						
2011	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Phong Nguy / Roberta Harrison					Ongoing`						



# Project Version Summary

<b>Project #</b>	OPS-002-21	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Connecting Links Intake 6		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 2, Ward 10		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
The project submission is for reconstruction of Huron Church from Girardot to Dorchester. This work involves removing 32" of the current concrete and base material, 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. Also included are the reconstruction of traffic signals at the Girardot and Huron Church intersection, new median concrete walls and landscaping.	*This project is a placeholder pending grant notification; The project will span two fiscal years with engineering and design work occurring in 2021, while the reconstruction work is expected to begin in the Spring of 2022 and be completed in the Fall of 2022.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
	<p>PLACEHOLDER:  CR521/2020, C 193/2020 - \$500,000 2022, \$1,500,000 2023, \$2,500,000 2024, \$500,000 2025, \$310,255 2026 From OPS-001-07 (Road Rehab)  \$325,000 2022 From OPS-008-20 (Traffic Signal Upgrades)  These funds will be committed for immediate used (if within the 5 year window) pending grant notification of Connecting Links 6.  Grant funding if received- \$3,000,000</p> <p>Should the City not be successful in their application, all funding be returned to the original funding sources. Approval of the capital budget will not result in the project being funded and started as it is pending a grant.</p>

<b>Project Forecast</b>	<b>Project Detailed Forecast</b>																																																																																																																																																																										
<table border="1"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> <th rowspan="2">Subsidies</th> </tr> <tr> <th>Net City Cost</th> <th></th> </tr> </thead> <tbody> <tr><td>2021</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>825,000</td><td>825,000</td><td></td><td>0</td></tr> <tr><td>2023</td><td>1,500,000</td><td>1,500,000</td><td></td><td>0</td></tr> <tr><td>2024</td><td>2,500,000</td><td>2,500,000</td><td></td><td>0</td></tr> <tr><td>2025</td><td>500,000</td><td>500,000</td><td></td><td>0</td></tr> <tr><td>2026</td><td>310,255</td><td>310,255</td><td></td><td>0</td></tr> <tr><td>2027</td><td>0</td><td>0</td><td></td><td>0</td></tr> <tr><td>2028</td><td>0</td><td>0</td><td></td><td>0</td></tr> <tr><td>2029</td><td>0</td><td>0</td><td></td><td>0</td></tr> <tr><td>2030</td><td>0</td><td>0</td><td></td><td>0</td></tr> <tr> <td></td> <td><b>5,635,255</b></td> <td><b>5,635,255</b></td> <td></td> <td><b>0</b></td> </tr> </tbody> </table>	Year	Total Expense	Revenue		Subsidies	Net City Cost		2021	0	0	0	0	2022	825,000	825,000		0	2023	1,500,000	1,500,000		0	2024	2,500,000	2,500,000		0	2025	500,000	500,000		0	2026	310,255	310,255		0	2027	0	0		0	2028	0	0		0	2029	0	0		0	2030	0	0		0		<b>5,635,255</b>	<b>5,635,255</b>		<b>0</b>	<table border="1"> <thead> <tr> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>825,000</td> <td>1,500,000</td> <td>2,500,000</td> <td>500,000</td> <td>310,255</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>5,635,255</td> </tr> <tr> <td><b>Total</b></td> <td><b>0</b></td> <td><b>825,000</b></td> <td><b>1,500,000</b></td> <td><b>2,500,000</b></td> <td><b>500,000</b></td> <td><b>310,255</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>5,635,255</b></td> </tr> <tr> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>221CF Committed Funding</td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>825,000</td> <td>1,500,000</td> <td>2,500,000</td> <td>500,000</td> <td>310,255</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>5,635,255</td> </tr> <tr> <td><b>Total</b></td> <td><b>0</b></td> <td><b>825,000</b></td> <td><b>1,500,000</b></td> <td><b>2,500,000</b></td> <td><b>500,000</b></td> <td><b>310,255</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>5,635,255</b></td> </tr> </tbody> </table>	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>												5410 Construction Contracts - TCA													0	825,000	1,500,000	2,500,000	500,000	310,255	0	0	0	0	5,635,255	<b>Total</b>	<b>0</b>	<b>825,000</b>	<b>1,500,000</b>	<b>2,500,000</b>	<b>500,000</b>	<b>310,255</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,635,255</b>	<b>Revenues</b>												221CF Committed Funding													0	825,000	1,500,000	2,500,000	500,000	310,255	0	0	0	0	5,635,255	<b>Total</b>	<b>0</b>	<b>825,000</b>	<b>1,500,000</b>	<b>2,500,000</b>	<b>500,000</b>	<b>310,255</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,635,255</b>
Year			Total Expense	Revenue		Subsidies																																																																																																																																																																					
	Net City Cost																																																																																																																																																																										
2021	0	0	0	0																																																																																																																																																																							
2022	825,000	825,000		0																																																																																																																																																																							
2023	1,500,000	1,500,000		0																																																																																																																																																																							
2024	2,500,000	2,500,000		0																																																																																																																																																																							
2025	500,000	500,000		0																																																																																																																																																																							
2026	310,255	310,255		0																																																																																																																																																																							
2027	0	0		0																																																																																																																																																																							
2028	0	0		0																																																																																																																																																																							
2029	0	0		0																																																																																																																																																																							
2030	0	0		0																																																																																																																																																																							
	<b>5,635,255</b>	<b>5,635,255</b>		<b>0</b>																																																																																																																																																																							
GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																
<b>Expenses</b>																																																																																																																																																																											
5410 Construction Contracts - TCA																																																																																																																																																																											
	0	825,000	1,500,000	2,500,000	500,000	310,255	0	0	0	0	5,635,255																																																																																																																																																																
<b>Total</b>	<b>0</b>	<b>825,000</b>	<b>1,500,000</b>	<b>2,500,000</b>	<b>500,000</b>	<b>310,255</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,635,255</b>																																																																																																																																																																
<b>Revenues</b>																																																																																																																																																																											
221CF Committed Funding																																																																																																																																																																											
	0	825,000	1,500,000	2,500,000	500,000	310,255	0	0	0	0	5,635,255																																																																																																																																																																
<b>Total</b>	<b>0</b>	<b>825,000</b>	<b>1,500,000</b>	<b>2,500,000</b>	<b>500,000</b>	<b>310,255</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,635,255</b>																																																																																																																																																																

<b>Historical Approved Budget</b>	
-----------------------------------	--

Related Projects		Operating Budget Impact		
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2021		Growth: 0.0 % Maintenance: 0.0 %		



# Project Version Summary

<b>Project #</b>	OPS-003-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Bridge Rehabilitation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description																																												
<p>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.</p> <p>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.</p>	<p>2021: \$1.204 million - Repairs and maintenance as required (all structures) - Wyandotte at CPR (#206)            2022: \$2.170 million - Repairs and maintenance as required (all structures) - Wyandotte at CPR (#206)            2023: \$3.160 million - Repairs and maintenance as required (all structures) - Wyandotte at CPR (#206)            2024: \$0.500 million - Repairs and maintenance as required (all structures) - Wyandotte at CPR (#206)            2025: \$0.500 million - Repairs and maintenance as required (all structures) - Engineering evaluation / design for Wyandotte at CPR (#206)            2026: \$2.500 million - Repairs and maintenance as required (all structures) - Wyandotte at CPR (#206)            2027: \$5.000 million - Repairs and maintenance as required (all structures) - Wyandotte at CPR (#206)            2028: \$1.000 million - Repairs and maintenance as required (all structures)            2029: \$1.000 million - Repairs and maintenance as required (all structures)            2030: \$1.000 million - Repairs and maintenance as required (all structures)</p> <p>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 was completed in 2017 that will allow the full rehabilitation to be deferred 10-years from completion in 2027. Funds will be accumulated annually for this work in 2027.</p> <p>Various repairs and maintenance possible on all structures as required include joint replacement, barrier wall replacement, bridge washing, patch repairs, crack injection, and concrete sealing. There will also be culvert replacements pending for areas in the annexed lands to complete in the coming 10-years.</p>																																												
Project Comments/Reference	Version Comments																																												
<p>Active: 7181022/ 7191021/ 7192010 /7201012/ 7211030</p> <p>E.C. ROW PROJECTS:            (Closed: 7081025/7091023/7091024/7111003/7101004/7101011/7111021/7141026/7141027/7141047/7151009/7151002)</p> <p>BRIDGE PROJECTS:            (Closed: 7081025 / 7091024 / 7101004 / 7111003/ 7141047 / 7151009/ 7161028/ 7171018)</p>	<p>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.</p> <p>HISTORICAL APPROVED BUDGETS - E.C. ROW REHABILITATION (OPS002-07):</p> <table border="1"> <thead> <tr> <th></th> <th colspan="3">REVENUE</th> </tr> <tr> <th></th> <th></th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2007</td> <td>\$500,000</td> <td>\$500,000</td> <td>\$0</td> </tr> <tr> <td>2008</td> <td>\$500,000</td> <td>\$500,000</td> <td>\$0</td> </tr> <tr> <td>2009</td> <td>\$1,000,000</td> <td>\$1,000,000</td> <td>\$0</td> </tr> <tr> <td>2010</td> <td>\$1,000,000</td> <td>\$1,000,000</td> <td>\$0</td> </tr> <tr> <td>2011</td> <td>\$600,000</td> <td>\$600,000</td> <td>\$0</td> </tr> <tr> <td>2012</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>2013</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>2014</td> <td>\$6,000,000</td> <td>\$4,000,000</td> <td>\$2,000,000</td> </tr> <tr> <td>2015</td> <td>\$3,000,000</td> <td>\$3,000,000</td> <td>\$</td> </tr> </tbody> </table> <p>CR247/2019, Report #C 81/2019 - Connecting Links 4 Grant - 2022 F221 \$1,000,000 - 2023 F221 \$1,816,058 funds released as ICIP Public Transit Grant was successful and funding switched to OPS-001-07 and ECP-003-09.</p>		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	\$
	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	\$																																										

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	1,204,000	1,204,000	0	5410	Construction Contracts - TCA											
2022	2,170,000	2,170,000	0		1,204,000	2,170,000	3,160,770	500,000	500,000	2,500,000	5,000,000	1,000,000	1,000,000	1,000,000	18,034,770	
2023	3,160,770	3,160,770	0		Total	1,204,000	2,170,000	3,160,770	500,000	500,000	2,500,000	5,000,000	1,000,000	1,000,000	1,000,000	18,034,770
2024	500,000	500,000	0			0										
2025	500,000	500,000	0	Revenues												
2026	2,500,000	2,500,000	0	176	Federal Gas Tax Rebate											
2027	5,000,000	5,000,000	0		1,204,000	1,170,000	1,344,712	500,000	500,000	1,914,000	3,800,000	0	0	0	10,432,712	
2028	1,000,000	1,000,000	0	221	Service Sustainability Investm											
2029	1,000,000	1,000,000	0		0	1,000,000	1,816,058	0	0	586,000	1,200,000	1,000,000	1,000,000	1,000,000	7,602,058	
2030	1,000,000	1,000,000	0		Total	1,204,000	2,170,000	3,160,770	500,000	500,000	2,500,000	5,000,000	1,000,000	1,000,000	1,000,000	18,034,770
	<b>18,034,770</b>	<b>18,034,770</b>	<b>0</b>			0										
Historical Approved Budget																
		Revenue														
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													
2020	3,399,000	3,399,000	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 2021		Project Lead				Est. Completion Date								
2007	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %		Phong Nguy / Michael Cappucci				Ongoing`								



## Project Version Summary

<b>Project #</b>	OPS-004-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Sidewalk Rehabilitation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>This program covers the rehabilitation of existing sidewalks citywide. There are 956 kms of sidewalks in the City, of which 6 kms are in "Poor" condition and 85 kms are in "Fair" condition. Based on a 40-year replacement cycle, the perpetual annual cost for the replacement of this infrastructure is approximately \$2.8 million. This would be in addition to the approximately \$10.7 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.</p> <p>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.</p> <p>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.</p>	<p>Because the 10-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 2021 and beyond.</p>
Project Comments/Reference	Version Comments
<p>See Document Attached</p> <p>(Closed: 7091025/7101003/7111022/7121007/7131115/7141028/7151011/7161029/7171019) Active: 7181023/7191006/ 7191030/ 7201013/ 7211031</p>	

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	559,197	559,197	0	5410	Construction Contracts - TCA										
2022	1,048,494	1,048,494	0		559,197	1,048,494	1,048,494	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	13,156,185
2023	1,048,494	1,048,494	0		Total	559,197	1,048,494	1,048,494	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	13,156,185
2024	1,500,000	1,500,000	0	Revenues											
2025	1,500,000	1,500,000	0	221	Service Sustainability Investm										
2026	1,500,000	1,500,000	0		559,197	1,048,494	1,048,494	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	13,156,185
2027	1,500,000	1,500,000	0		Total	559,197	1,048,494	1,048,494	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	13,156,185
2028	1,500,000	1,500,000	0												
2029	1,500,000	1,500,000	0												
2030	1,500,000	1,500,000	0												
	<b>13,156,185</b>	<b>13,156,185</b>	<b>0</b>												
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												
2020	489,297	489,297	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 2021	Project Lead	Est. Completion Date											
2007	January 2, 2015	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci	Ongoing`											

<b>PROPOSED SIDEWALK REHABILITATION 10 YEAR PROGRAM - 2021 to 2030 (Alphabetical Listing)</b>			
<b>STREET</b>	<b>FROM</b>	<b>TO</b>	<b>SIDE OF STREET</b>
ALEXANDER	DETROIT	ROSEDALE	N/S
ALEXIS	ST.JULIEN	MONS	E/W
ALEXIS	MONS	SOMME	N/W
BABY	TOURNIER	MILL	E/W
BALFOUR	EMPRESS	SOUTHNATIONAL	W
BERNARD	GRAND MARAIS	JOINVILLE	W
BERNARD	JOINVILLE	BERNARD	W
BROCK	BLOOMFIELD	EDISON	E/W
BROCK	BLOOMFIELD	PETER	E/W
BUCKINGHAM	LASSALINE	CORONATION	E/W
CALIFORNIA	BALMORAL	GRANDMARIAS	E/W
CALIFORNIA	BALMORAL	NORFOLK	E/W
CAMPBELL	UNIVERSITY	WYANDOTTE ST. W.	E/W
CARON	PARK	WYANDOTTE	E
CARON	WYANDOTTE	ELLIOTT	E
CARON	WYANDOTTE	ELLIOTT	E
CENTRAL	GUY	TECUMSEH	W

STREET	FROM	TO	SIDE OF STREET
CENTRAL	GUY	MILLOY	E
CENTRAL	MILLOY	ALICE	E/W
CENTRAL	ALICE	REGINALD	E/W
CENTRAL	REGINALD	SEMINOLE	E
CHATHAM	LANGLOIS	PARENT	N/S
CHATHAM	PELISSIER	FERRY	N
CHATHAM	OUELLETTE	GOYEAU	N
CHILVER	TECUMSEH	LENS	E
CLEARY	CALIFORNIA	ST. CLAIR	N
CLEARY	ST. CLAIR	NORTHWOOD	N
CORA GREENWOOD	RIVERSIDE	LITTLE RIVER	E/W
CRAWFORD	ERIE	GROVE	W
DOMINION	WEST GRAND	NORFOLK	W
DOMINION	NORFOLK	ROSELAND	W
DOT	GIRARDOT	MANCHESTER	W
DOUGALL	ERIE	PINE	E
DROUILLARD	WYANDOTTE	EDNA	E/W
EDNA	WALKER	MONTREUIL	S
ELLIS	BRUCE	DOUGALL	N/S
ELM	WYANDOTTE	DEAD END	E
ELSMERE	ELLIOT	NIAGARA	E/W
ELSMERE	NIAGARA	ERIE	E/W

STREET	FROM	TO	SIDE OF STREET
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
FERNDALE	SOUTH NATIONAL	CORONATION	E/W
FERNDALE	EMPRESS	CORONATION	E/W
FORD	LASSALINE	CORONATION	E/W
FORD	SOUTHNATIONAL	LASSALINE	E/W
FORD	CORONATION	LASSALINE	E/W
FOREST GLADE	MULBERRY	ELMWOOD	E
FOREST GLADE	WILDWOOD	ROSEBRIAR	S
FRANCOIS	REGINALD	ALICE	W
FRANCOIS	DEAD END	FRANKLIN	E
FRANCOIS	ALICE	MILLOY	E/W
GILES	OUELLETTE	PELISSIER	N
GRAND	PILLETTE	PRINCESS	N
GRAND MARAIS	RIVIERA	GLENWOOD	N
GRAND MARAIS	GLENWOOD	MARK	N
GRAND MARAIS	MARK	EVERTS	N
GRAND MARAIS	EVERTS	CURRY	N

STREET	FROM	TO	SIDE OF STREET
GRAND MARAIS	ALLYSON	GEORGE	N
GRANDVIEW	RIVARD	MCPMAHON	S
GREENPARK	WYANDOTTE	LITTLERIVER	E/W
HANNA	YORK	BRUCE	S
HICKORY	ONTARIO	HICKORY	E
HOWARD	SOUTH CAMERON	KENILWORTH	E
HOWARD	KENIWORTH	MAGUIRE	E
HOWARD	MAGUIRE	SANDISON	E
HOWARD	SANDISON	CABANA	E
HOWARD	TECUMSEH	HYDE	E/W
HOWARD	HYDE	LOGAN	E/W
HOWARD	HYDE	LOGAN	E/W
HOWARD	NEAL	LAKE TRAIL	W
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

STREET	FROM	TO	SIDE OF STREET
JEFFERSON	LASSALINE	1867 JEFFERSON	W
JEFFERSON	RIVERSIDE	WYANDOTTE	E/W
JEROME	WATSON	WESCHESTER	N/S
KILDARE	LENS	VIMY	W
KILDARE	WYANDOTTE	TUSCARORA	E/W
KILDARE	VIMY	YPRES	W
LABADIE	SEMINOLE	REGINALD	W
LAURENDEAU	FAUST	ONTARIO	E
LAUZON	MCHUGH	TECUMSEH/EASTTOWN MALL	W
LAUZON	WYANDOTTE	RIVERSIDE	E/W
LINWOOD	TOURNIER	FELIX	N/S
LITTLE RIVER	LAPORTE	WATSON	N
LOCKE	LYNN	3850 LOCKE (@ SOUTH P/L)	E
LONGFELLOW	GRAND MARAIS	LONGFELLOW	W
MARENTETTE	TECUMSEH	DEAED END	
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

STREET	FROM	TO	SIDE OF STREET
MILLOY	ALEXIS	CHANDLER	S
MONMOUTH	CATARAQUI	NIAGARA	E/W
MOUNTROYAL	COUSINEAU	CABANA	W
MOY	TECUMSEH	LENS	E
ONTARIO	ALLEY	MONMOUTH	S
PELISSIER	MONTROSE	ELLIS	E
PILETTE	PLYMOUTH	END	E/W
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
REGINALD	ST.LUKE	ALBERT	N/S
RIVARD	ROSE	JOINVILLE	W
RIVARD	JOINVILLE	HAIG	W
RIVARD	HAIG	GRAND	W
RIVERSIDE	HURON CHURCH	ROSEDALE	N
RIVERSIDE	JANETTE	CARON	N
RIVERSIDE	PATRICE	ST. ROSE	S
ROSEBRIAR	FOREST GLADE	WILDWOOD	W
ROSEBRIAR	WILDWOOD	FORESTGLADE DRIVE	W

STREET	FROM	TO	SIDE OF STREET
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	DETROIT	ROSEDALE	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. PAUL	WYANDOTTE	ST. ROSE	E/W
TECUMSEH	PENANG	FOREST GLADE	N
TECUMSEH	SOUTH PACIFIC	MUNICIPAL LANE	N
TOURNIER	LINWOOD	BABY	N/S
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

STREET	FROM	TO	SIDE OF STREET
WALKER	ST. JULIEN	GRAND MARAIS	W
WALKER	NIAGARA	RICHMOND	W
WALKER	SEMINOLE	MUNSEE	W
WALKWAY EC ROW	GLENWOOD	DOUGALL	N
WALKWAY GM DRAIN	ASKIN	DOMINION	S
WEST GRAND	DOMINION	LONGFELLOW	S
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
WINDERMERE	TECUMSEH	LENS	W
WOODLAWN	LENS	VIMY	E/W
WYANDOTTE	CRAWFORD	OAK	N
WYANDOTTE	MCKAY	CURRY	N
<b>N</b>		<b>NORTH SIDE</b>	
<b>S</b>		<b>SOUTH SIDE</b>	
<b>E</b>		<b>EAST SIDE</b>	
<b>W</b>		<b>WEST SIDE</b>	
<b>CURB</b>		<b>AND Reconstruction of Curb &amp; Gutter</b>	
<b>NOTE: Sidewalk Segments will be prioritized in coordination with other Capital Projects, Road Rehabs and</b>			



# Project Version Summary

<b>Project #</b>	OPS-005-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Railway Lands Fencing		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
Install and maintain fencing at key locations along railway lands to prevent trespassing (annual general allotment to be based on needs analysis).	

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7045005	

Project Forecast				Project Detailed Forecast												
				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Revenue														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0													
2022	100,000	50,000	50,000													
2023	100,000	50,000	50,000													
2024	250,000	125,000	125,000													
2025	250,000	125,000	125,000													
2026	250,000	125,000	125,000													
2027	250,000	125,000	125,000													
2028	250,000	125,000	125,000													
2029	250,000	125,000	125,000													
2030	250,000	125,000	125,000													
	<b>1,950,000</b>	<b>975,000</b>	<b>975,000</b>													
				<b>Expenses</b>												
				5410	Construction Contracts - TCA											
					0	100,000	100,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	1,950,000
				Total	0	100,000	100,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	1,950,000	
				<b>Revenues</b>												
				169	Pay As You Go - Capital Reserve											
					0	50,000	50,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	975,000	
				6735	Recovery Of Expenses EXTERNAL											
					0	50,000	50,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	975,000	
				Total	0	100,000	100,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	1,950,000	

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			
2020	75,000	75,000	0			

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2007	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Phong Nguy	Ongoing`	0	0



# Project Version Summary

<b>Project #</b>	OPS-005-19	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Gravel Alley Drainage Improvements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
The City has approximately 148km of In Service Alleys. Of the 148km, 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.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7211032																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>														
		<b>Net City Cost</b>	<b>Subsidies</b>													
2021	50,000	50,000	0													
2022	50,000	50,000	0													
2023	0	0	0													
2024	0	0	0													
2025	0	0	0													
2026	0	0	0													
2027	0	0	0													
2028	200,000	200,000	0													
2029	200,000	200,000	0													
2030	200,000	200,000	0													
	<b>700,000</b>	<b>700,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching, and unscheduled maintenance as required.								0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2019	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Roberta Harrison	Ongoing												



## Project Version Summary

<b>Project #</b>	OPS-006-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	"At-Grade" Railway Crossings		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	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.

### Version Description

Proposed Railway Crossings:

- McDougall St CPR
- Ojibway Pkwy ETR
- Brock Street ETR
- Randolph Ave
- Dougal Ave CPR
- Drouillard Rd. ETR
- Parent Trail crossing CPR
- 7th Concession CNR

### Project Comments/Reference

Closed: 7085009/7163002/7163003  
Open: 7179001

### Version Comments

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	200,000	100,000	100,000	5410	Construction Contracts - TCA										
2022	125,000	100,000	25,000		200,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,325,000
2023	125,000	100,000	25,000		Total	200,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,325,000
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		100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
2027	125,000	100,000	25,000	6735	Recovery Of Expenses EXTERNAL										
2028	125,000	100,000	25,000		100,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	325,000
2029	125,000	100,000	25,000		Total	200,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,325,000
2030	125,000	100,000	25,000												
	<b>1,325,000</b>	<b>1,000,000</b>	<b>325,000</b>												
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												
2020	85,000	72,500	12,500												
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 2021		Project Lead					Est. Completion Date						
2007	January 1, 2018	Growth: 0.0 % Maintenance: 100.0 %		Phong Nguy					Ongoing`						



# Project Version Summary

<b>Project #</b>	OPS-007-19	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Connecting Link 4 2019-2020 Grant - Huron Church Rd.		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 10		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
Connecting Links 4 - 2019-2020 application was submitted May 31, 2019. Municipalities with one connecting link road are allowed to submit one project per year. This section of road Huron Church Road - Malden Road - Pool Avenue is constantly impacted by the volume of heavy commercial truck traffic.	

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7192010	COMMITMENT: CR247/2019 - C 81/2019 - 2023 F169 \$1,280,407 - 2023 F221 \$1,280,407  Grant Funding - \$3,000,000. \$1,500,000 rec'd balance by year-end 2020.

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	5410 Construction Contracts - TCA	0	0	2,560,814	0	0	0	0	0	0	0	0	2,560,814
2022	0	0	0	Total	0	0	2,560,814	0	0	0	0	0	0	0	0	2,560,814
2023	2,560,814	2,560,814	0	<b>Revenues</b>												
2024	0	0	0	169CF Committed Funding	0	0	1,280,407	0	0	0	0	0	0	0	0	1,280,407
2025	0	0	0	221CF Committed Funding	0	0	1,280,407	0	0	0	0	0	0	0	0	1,280,407
2026	0	0	0	Total	0	0	2,560,814	0	0	0	0	0	0	0	0	2,560,814
2027	0	0	0													
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>2,560,814</b>	<b>2,560,814</b>	<b>0</b>													

<b>Historical Approved Budget</b>	
-----------------------------------	--

<b>Related Projects</b>	<b>Operating Budget Impact</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2019	June 30, 2019	Growth: 0.0 % Maintenance: 0.0 %		2020-12-31`





# Project Version Summary

<b>Project #</b>	OPS-008-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Rossini Reconstruction - Tecumseh to Griffin		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 5		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
As per the approved 2017 enhanced Capital Budget 5-year plan.				Work completed in 2018.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7171068				COMMITMENT: CR201/2017 - C 49/2017 - 2021 F221 \$300,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	300,000	300,000	0	5410	Construction Contracts - TCA											
2022	0	0	0		300,000	0	0	0	0	0	0	0	0	0	300,000	
2023	0	0	0		Total	300,000	0	0	0	0	0	0	0	0	300,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	221CF	Committed Funding											
2026	0	0	0		300,000	0	0	0	0	0	0	0	0	0	300,000	
2027	0	0	0		Total	300,000	0	0	0	0	0	0	0	0	300,000	
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>300,000</b>	<b>300,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2017	January 23, 2017	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci	2018`												



# Project Version Summary

<b>Project #</b>	OPS-009-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Reginald Street Reconstruction - Rossini to Francois		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 5		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
As per the approved 2017 enhanced Capital Budget 5-year plan.				Work completed in 2017.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7171069				COMMITMENT: CR201/2017 - C 49/2017 - 2021 F221 \$280,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	280,000	280,000	0	5410 Construction Contracts - TCA												
2022	0	0	0	280,000 0 0 0 0 0 0 0 0 0 0 0 0 280,000												
2023	0	0	0	Total 280,000 0 0 0 0 0 0 0 0 0 0 0 0 280,000												
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	221 Service Sustainability Investm												
2026	0	0	0	0 0 0 0 0 0 0 0 0 0 0 0 0												
2027	0	0	0	221CF Committed Funding												
2028	0	0	0	280,000 0 0 0 0 0 0 0 0 0 0 0 0 280,000												
2029	0	0	0	Total 280,000 0 0 0 0 0 0 0 0 0 0 0 0 280,000												
2030	0	0	0													
	<b>280,000</b>	<b>280,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>					<b>Est. Completion Date</b>								
2017	January 23, 2017	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci					2017								



## Project Version Summary

<b>Project #</b>	OPS-009-20	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Connecting Link Intake 5 Project - Huron Church Rd.		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	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. 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. 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
<p>7202007</p>	<p>COMMITMENT:            CR530/2019 - C 186/2019 Connecting Links Program Intake 5 - Huron Church (2020-2021) was approved - 2021 F176 \$915,000 - 2021 F221 \$80,000 - 2022 F176 \$915,000 - 2022 F221 \$80,000 - 2023 F176 \$919,930 - 2023 F221 \$100,000</p> <p>Per September 2020 CVR, C 251/2020-Federal Gas Tax (Fund 176) funding identified and committed for the Connecting Links – Intake 5 (OPS-009-20) project has been exchanged for an equivalent amount of Service Sustainability (Fund 221) funding in the City-wide Road Rehabilitation (OPS-001-07) for the following amounts:            2021-\$915,000, 2022-\$915,000, 2023-\$919,930</p>

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	3,995,000	995,000	3,000,000	5410	Construction Contracts - TCA											
2022	995,000	995,000	0		3,995,000	995,000	1,019,930	0	0	0	0	0	0	0	6,009,930	
2023	1,019,930	1,019,930	0		Total	3,995,000	995,000	1,019,930	0	0	0	0	0	0	6,009,930	
2024	0	0	0			0										
2025	0	0	0		Revenues											
2026	0	0	0	221CF	Committed Funding											
2027	0	0	0		995,000	995,000	1,019,930	0	0	0	0	0	0	0	3,009,930	
2028	0	0	0	6310	Ontario Specific Grants											
2029	0	0	0		3,000,000	0	0	0	0	0	0	0	0	0	3,000,000	
2030	0	0	0		Total	3,995,000	995,000	1,019,930	0	0	0	0	0	0	6,009,930	
	<b>6,009,930</b>	<b>3,009,930</b>	<b>3,000,000</b>			0										
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
Year Identified	Start Date	Project Type for 2021		Project Lead					Est. Completion Date							
2020	April 1, 2020	Growth: 0.0 % Maintenance: 100.0 %		Phong Nguy / Michael Cappucci					2021`							



# Project Version Summary

<b>Project #</b>	OPS-010-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Tranby Reconstruction		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 6		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>													
As per the approved 2017 enhanced Capital Budget 5-year plan.				Work completed in 2019.													
<b>Project Comments/Reference</b>				<b>Version Comments</b>													
7171071				COMMITMENT: CR201/2017 - C 49/2017 - 2021 F221 \$1,200,000													
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>													
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>		
<b>Revenue</b>																	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>														
2021	1,200,000	1,200,000	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														
2029	0	0	0														
2030	0	0	0														
	<b>1,200,000</b>	<b>1,200,000</b>	<b>0</b>														
<b>Expenses</b>																	
5410 Construction Contracts - TCA																	
1,200,000																	
Total				1,200,00	0	0	0	0	0	0	0	0	0	0	0	1,200,000	
<b>Revenues</b>																	
221 Service Sustainability Investm																	
0																	
221CF Committed Funding																	
1,200,000																	
Total				1,200,00	0	0	0	0	0	0	0	0	0	0	0	1,200,000	
				0													
<b>Historical Approved Budget</b>																	
<b>Related Projects</b>				<b>Operating Budget Impact</b>													
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>													
2017	January 23, 2017	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci	2018`													



# Project Version Summary

<b>Project #</b>	OPS-013-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Reginald Street Reconstruction - Norman to Westminster		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 8		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
As per the approved 2017 enhanced Capital Budget 5-year plan.				Work completed in 2017.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7171080				COMMITMENT: CR201/2017 - C 49/2017 - 2021 F221 \$390,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	390,000	390,000	0	5410	Construction Contracts - TCA											
2022	0	0	0		390,000	0	0	0	0	0	0	0	0	0	390,000	
2023	0	0	0		Total	390,000	0	0	0	0	0	0	0	0	390,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	221	Service Sustainability Investm											
2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
2027	0	0	0	221CF	Committed Funding											
2028	0	0	0		390,000	0	0	0	0	0	0	0	0	0	390,000	
2029	0	0	0		Total	390,000	0	0	0	0	0	0	0	0	390,000	
2030	0	0	0													
<b>390,000</b>				<b>390,000</b>				<b>0</b>					<b>0</b>			
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>					<b>Est. Completion Date</b>								
2017	January 23, 2017	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci					Summer of 2017`								



# Project Version Summary

<b>Project #</b>	OPS-014-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Alice Street Mill and Pave - Norman to Polonia Park		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 8		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
As per the approved 2017 enhanced Capital Budget 5-year plan.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7171081				COMMITMENT: CR201/2017 - C 49/2017 - 2021 F221 \$35,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	35,000	35,000	0	5410 Construction Contracts - TCA												
2022	0	0	0	35,000 0 0 0 0 0 0 0 0 0 0 0 0 35,000												
2023	0	0	0	Total 35,000 0 0 0 0 0 0 0 0 0 0 0 0 35,000												
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	221 Service Sustainability Investm												
2026	0	0	0	0 0 0 0 0 0 0 0 0 0 0 0 0												
2027	0	0	0	221CF Committed Funding												
2028	0	0	0	35,000 0 0 0 0 0 0 0 0 0 0 0 0 35,000												
2029	0	0	0	Total 35,000 0 0 0 0 0 0 0 0 0 0 0 0 35,000												
2030	0	0	0													
<b>35,000</b>				<b>35,000</b>				<b>0</b>								
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>					<b>Est. Completion Date</b>								
2017	January 23, 2017	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci					Summer of 2017`								



# Project Version Summary

<b>Project #</b>	OPS-015-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Coronation Street Mill and Pave - Jefferson to Cul-de-sac		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 8		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
As per the approved 2017 enhanced Capital Budget 5-year plan.				Work completed in 2019.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7171082				COMMITMENT: CR201/2017 - C 49/2017 - 2021 F221 \$55,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	55,000	55,000	0	5410	Construction Contracts - TCA											
2022	0	0	0		55,000	0	0	0	0	0	0	0	0	0	55,000	
2023	0	0	0		Total	55,000	0	0	0	0	0	0	0	0	55,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	221	Service Sustainability Investm											
2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
2027	0	0	0	221CF	Committed Funding											
2028	0	0	0		55,000	0	0	0	0	0	0	0	0	0	55,000	
2029	0	0	0		Total	55,000	0	0	0	0	0	0	0	0	55,000	
2030	0	0	0													
<b>55,000</b>				<b>55,000</b>				<b>0</b>					<b>0</b>			
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2017	January 23, 2017	Growth: 0.0 % Maintenance: 100.0 %		Phong Nguy / Michael Cappucci					2017							



# Project Version Summary

<b>Project #</b>	OPS-016-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Devon Drive Reconstruction - Sydney to South Service		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7161052				COMMITMENT: CR201/2017 - C 49/2017 - 2021 F221 \$800,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	800,000	800,000	0	5410 Construction Contracts - TCA												
2022	0	0	0	800,000 0 0 0 0 0 0 0 0 0 0 0 0 800,000												
2023	0	0	0	Total 800,000 0 0 0 0 0 0 0 0 0 0 0 0 800,000												
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	221 Service Sustainability Investm												
2026	0	0	0	0 0 0 0 0 0 0 0 0 0 0 0 0												
2027	0	0	0	221CF Committed Funding												
2028	0	0	0	800,000 0 0 0 0 0 0 0 0 0 0 0 0 800,000												
2029	0	0	0	Total 800,000 0 0 0 0 0 0 0 0 0 0 0 0 800,000												
2030	0	0	0													
	<b>800,000</b>	<b>800,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>					<b>Est. Completion Date</b>								
2017	January 23, 2017	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci					2018`								



# Project Version Summary

<b>Project #</b>	OPS-017-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Northwood Reconstruction - Northwood to Northway		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 10		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
As per the approved 2017 enhanced Capital Budget 5-year plan.				Work completed in 2017.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7171085				COMMITMENT: R201/2017 - C 49/2017 - 2021 F221 \$500,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	500,000	500,000	0	5410	Construction Contracts - TCA											
2022	0	0	0		500,000	0	0	0	0	0	0	0	0	0	500,000	
2023	0	0	0		Total	500,000	0	0	0	0	0	0	0	0	500,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	221	Service Sustainability Investm											
2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
2027	0	0	0	221CF	Committed Funding											
2028	0	0	0		500,000	0	0	0	0	0	0	0	0	0	500,000	
2029	0	0	0		Total	500,000	0	0	0	0	0	0	0	0	500,000	
2030	0	0	0													
<b>500,000</b>				<b>500,000</b>				<b>0</b>					<b>0</b>			
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>					<b>Est. Completion Date</b>								
2017	January 23, 2017	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci					Fall of 2017								



# Project Version Summary

<b>Project #</b>	OPS-026-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Lake Trail Drive Mill and Pave		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
As per the approved 2017 enhanced Capital Budget 5-year plan.				Work completed in 2017.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7171062				COMMITMENT: CR201/2017 - C 49/2017 - 2021 F221 \$400,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	400,000	400,000	0	5410	Construction Contracts - TCA											
2022	0	0	0		400,000	0	0	0	0	0	0	0	0	0	400,000	
2023	0	0	0		Total	400,000	0	0	0	0	0	0	0	0	400,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	221	Service Sustainability Investm											
2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
2027	0	0	0	221CF	Committed Funding											
2028	0	0	0		400,000	0	0	0	0	0	0	0	0	0	400,000	
2029	0	0	0		Total	400,000	0	0	0	0	0	0	0	0	400,000	
2030	0	0	0													
<b>400,000</b>				<b>400,000</b>				<b>0</b>					<b>0</b>			
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>					<b>Est. Completion Date</b>								
2017	January 23, 2017	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci					2017								



# Project Version Summary

<b>Project #</b>	OPS-028-18	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Concrete Road Panel Repair Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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 195 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.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	5410	Construction Contracts - TCA											
2022	895,000	895,000	0		0	895,000	1,500,000	1,500,000	500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	11,895,000	
2023	1,500,000	1,500,000	0		Total	0	895,000	1,500,000	1,500,000	500,000	1,500,000	1,500,000	1,500,000	1,500,000	11,895,000	
2024	1,500,000	1,500,000	0	<b>Revenues</b>												
2025	500,000	500,000	0	221	Service Sustainability Investm											
2026	1,500,000	1,500,000	0		0	895,000	1,500,000	1,500,000	500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	11,895,000	
2027	1,500,000	1,500,000	0		Total	0	895,000	1,500,000	1,500,000	500,000	1,500,000	1,500,000	1,500,000	1,500,000	11,895,000	
2028	1,500,000	1,500,000	0													
2029	1,500,000	1,500,000	0													
2030	1,500,000	1,500,000	0													
	<b>11,895,000</b>	<b>11,895,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>									<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	Any budget deferral in approved funding will result in an increase in the operating costs for temporary road repairs and patching.									0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2018	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Phong Nguy / Michael Cappucci					Ongoing							



# Project Version Summary

<b>Project #</b>	OPS-029-18	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Curb Replacement Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Sewers Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7219010																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>														
		<b>Net City Cost</b>	<b>Subsidies</b>													
2021	40,000	40,000	0													
2022	600,000	600,000	0													
2023	0	0	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	300,000	300,000	0													
2029	300,000	300,000	0													
2030	300,000	300,000	0													
	<b>2,740,000</b>	<b>2,740,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>									<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	Any budget deferral in approved funding will result in an increase in the operating costs for temporary repairs and maintenance.									0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>				<b>Est. Completion Date</b>									
2018	January 1, 2022	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Michael Cappucci				Ongoing`									



## Project Version Summary

<b>Project #</b>	FRS-001-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fleet
<b>Title</b>	Fire & Rescue First Response Vehicle Replacement Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	2017 (Active)		

<p><b>Project Description</b></p> <p>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.</p>	<p><b>Version Description</b></p> <p>Please see document attached for detailed Fire &amp; Rescue First Response Vehicle Replacement Schedule.</p> <p>An increase in the annual dedicated reserve contribution for each of the five consecutive years 2020 through 2024 was approved in 2020 operating budget issue #2020-0084 to ensure a sustainable replacement reserve balance per the 10 year replacement plan. Administration has reviewed the 10-year replacement plans again in 2020 in conjunction with 2021 budget development and has determined that the increase for 2021 will not be required.</p>
<p><b>Project Comments/Reference</b></p> <p>See Document Attached          (Closed: 7051004/7074066/7101014/7131007/7111025/ 7121011 (2012 trucks)/7161031)          Active: 7171013/ 7181025/ 7201006/ 7211045</p>	<p><b>Version Comments</b></p> <p>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).</p>

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	74,000	74,000	0	5110	Machinery & Equipment - TCA											
2022	2,864,000	2,864,000	0		74,000	2,864,000	117,000	2,380,000	75,000	0	1,467,000	4,320,000	3,383,000	212,000	14,892,000	
2023	117,000	117,000	0		Total	74,000	2,864,000	117,000	2,380,000	75,000	0	1,467,000	4,320,000	3,383,000	212,000	14,892,000
2024	2,380,000	2,380,000	0	Revenues												
2025	75,000	75,000	0	163	Fire Major Equipment											
2026	0	0	0		74,000	2,864,000	117,000	2,380,000	75,000	0	1,467,000	4,320,000	3,383,000	212,000	14,892,000	
2027	1,467,000	1,467,000	0		Total	74,000	2,864,000	117,000	2,380,000	75,000	0	1,467,000	4,320,000	3,383,000	212,000	14,892,000
2028	4,320,000	4,320,000	0													
2029	3,383,000	3,383,000	0													
2030	212,000	212,000	0													
	<b>14,892,000</b>	<b>14,892,000</b>	<b>0</b>													
Historical Approved Budget																
		Revenue														
Year	Total Expense	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													
2020	55,000	55,000	0													
Related Projects				Operating Budget Impact												
				Effective Date	Description							Exp/(Rev)	FTE Impact			
				Unknown	Deferral of replacements contributes to increased repair and operating costs.						0	0				
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date												
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 September 17, 2020)

<u>Unit</u>	<u>Description</u>	<u>Department</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>2029</u>	<u>2030</u>
<b>Class 120 - CUBE VANS (Life Cycle 9 - 11 Years)</b>												
3024	2012 GMC SAVANA 3500 CUTAWAY CUBE VAN	APP			61,944							
<b>Class 140 - SPORT UTILITY (Life Cycle 10 Years)</b>												
3022	2013 CHEVROLET TAHOE LT SUV	APP	72,420									78,762
3035	2015 CHEVROLET TAHOE LT SUV 4X4	APP					73,604					
4040	2017 FORD EXPLORER SUV XLT 4X4	APP							60,371			
4046	2018 FORD EXPLORER SUV	APP								76,466		
4050	2020 FORD EXPLORER SUV	APP								68,231		
<b>Class 246 - CREW CABS UTILITY (Life Cycle 7 - 9 Years)</b>												
3026	2020 FORD F250 4X4 CREWCAB PICKUP	APP									66,185	
3030	2015 FORD F250 CREWCAB 4X4 PICKUP	APP		59,903								69,588
3036	2015 FORD F250 CREWCAB 4X4 PICKUP	APP		55,531							63,205	
4041	2016 FORD F250 CREWCAB PICKUP 4X4	APP			52,451							59,039
<b>Class 330 - 22000 TO 28000 GVW TRUCKS (Life Cycle 20 Years)</b>												
4039	2016 FREIGHTLINER MEDIUM CUBE TRUCK	APP										
<b>Class 4000 - FIRE RESCUE (Life Cycle 15+ Years)</b>												
4043	2016 SPARTAN ROSENBAUER RESCUE PUMPER	APP										
4047	2018 KENWORTH HACKNEY T370 PUMPER	APP										
<b>Class 4100 - FIRE ENGINE (Life Cycle 15+ Years)</b>												
4022	2007 PIERCE VELOCITY ENGINE 1	APP		899,600								
4023	2007 SPARTAN ROSENBAUER ENGINE 6	APP		899,600								
4024	2007 SPARTAN ROSENBAUER ENGINE 4	APP		899,600								
4025	2009 SPARTAN ROSENBAUER ENGINE 2	APP				769,920						
4026	2009 SPARTAN ROSENBAUER ENGINE 7	APP				769,920						
4027	2009 SPARTAN ROSENBAUER TANKER 8	APP				798,080						
4031	2012 SPARTAN ROSENBAUER ENGINE 5	APP							690,572			
4032	2012 SPARTAN ROSENBAUER ENGINE 1	APP							690,572			
4048	2019 ROSENBAUER COMMANDER ENG 6	APP										
<b>Class 4300 - FIRE AERIAL (Life Cycle 15+ Years)</b>												
4033	2013 SUTPHEN SP70 AERIAL PLATFORM	APP								1,371,272		
4034	2013 SUTPHEN SP70 AERIAL PLATFORM	APP								1,313,843		
4035	2013 SUTPHEN SP95 AERIAL PLATFORM	APP									1,536,432	
4036	2013 SUTPHEN SP95 AERIAL PLATFORM	APP									1,591,115	
<b>Class 4400 - FIRE POLICE BUS (Life Cycle 20+ Years)</b>												
4037	2007 SPARTAN COMMAND POST BUS	APP								1,414,778		

**FLEET REPLACEMENT SCHEDULE - FIRE FLEET**

(source: FleetFocus as of September 17, 2020)

<u>Unit</u>	<u>Description</u>	<u>Department</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>2029</u>	<u>2030</u>	
<b>Class 905 - FIRE DEPARTMENT (Life Cycle 8 - 10 Years)</b>													
3034	2020 FORD F250 CREWCAB 4X4 PICKUP	APP									66,952		
	<b>Total Number of Active Units:</b>	<b>28</b>	<b>Subtotal:</b>	<b>72,420</b>	<b>2,814,234</b>	<b>114,395</b>	<b>2,337,920</b>	<b>73,604</b>	<b>0</b>	<b>1,441,514</b>	<b>4,244,590</b>	<b>3,323,888</b>	<b>207,389</b>
			<b>Unrecoverable HST:</b>	<b>1,275</b>	<b>49,536</b>	<b>2,014</b>	<b>41,152</b>	<b>1,296</b>	<b>0</b>	<b>25,374</b>	<b>74,713</b>	<b>58,507</b>	<b>3,650</b>
			<b>Total Estimated Cost:</b>	<b>73,695</b>	<b>2,863,770</b>	<b>116,408</b>	<b>2,379,072</b>	<b>74,900</b>	<b>0</b>	<b>1,466,888</b>	<b>4,319,303</b>	<b>3,382,395</b>	<b>211,040</b>
			<b>Budget Submission:</b>	<b>74,000</b>	<b>2,864,000</b>	<b>117,000</b>	<b>2,380,000</b>	<b>75,000</b>	<b>0</b>	<b>1,467,000</b>	<b>4,320,000</b>	<b>3,383,000</b>	<b>212,000</b>

**Notes:**

1. Replacement costs include estimated purchase price and capitalization of \$80,000 per unit in classes 4000 to 4400 and \$15,000 per units in all other classes.
2. Replacement costs are adjusted for inflation. 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 can be extended.



# Project Version Summary

<b>Project #</b>	OPS-001-15	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fleet
<b>Title</b>	Parks Equipment Replacement Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	2017 (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																						
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.  An increase in the annual dedicated reserve contribution for each of the five consecutive years 2020 through 2024 was approved in 2020 operating budget issue #2020-0084 to ensure a sustainable replacement reserve balance per the 10 year replacement plan. Administration has reviewed the 10-year replacement plans again in 2020 in conjunction with 2021 budget development and has determined that the increase for 2021 will not be required.																																																																																																																																																																																																																						
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																						
See Document Attached Closed: 7151005/ 7161001/ 7171017/ 7181015/7191000 Open: 7201007/ 7211001				COMMITMENT: CR522/2020, C 199/2020- \$685,476 F197 2021																																																																																																																																																																																																																						
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																						
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th></th> </tr> </thead> <tbody> <tr><td>2021</td><td>831,000</td><td>831,000</td><td>0</td><td></td></tr> <tr><td>2022</td><td>688,000</td><td>688,000</td><td>0</td><td></td></tr> <tr><td>2023</td><td>637,000</td><td>637,000</td><td>0</td><td></td></tr> <tr><td>2024</td><td>1,127,000</td><td>1,127,000</td><td>0</td><td></td></tr> <tr><td>2025</td><td>393,000</td><td>393,000</td><td>0</td><td></td></tr> <tr><td>2026</td><td>726,000</td><td>726,000</td><td>0</td><td></td></tr> <tr><td>2027</td><td>623,000</td><td>623,000</td><td>0</td><td></td></tr> <tr><td>2028</td><td>219,000</td><td>219,000</td><td>0</td><td></td></tr> <tr><td>2029</td><td>676,000</td><td>676,000</td><td>0</td><td></td></tr> <tr><td>2030</td><td>1,437,000</td><td>1,437,000</td><td>0</td><td></td></tr> <tr><td></td><td><b>7,357,000</b></td><td><b>7,357,000</b></td><td><b>0</b></td><td></td></tr> </tbody> </table>						Revenue			Year	Total Expense	Net City Cost	Subsidies		2021	831,000	831,000	0		2022	688,000	688,000	0		2023	637,000	637,000	0		2024	1,127,000	1,127,000	0		2025	393,000	393,000	0		2026	726,000	726,000	0		2027	623,000	623,000	0		2028	219,000	219,000	0		2029	676,000	676,000	0		2030	1,437,000	1,437,000	0			<b>7,357,000</b>	<b>7,357,000</b>	<b>0</b>		<table border="1"> <thead> <tr> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="13"><b>Expenses</b></td> </tr> <tr> <td>5110 Machinery &amp; Equipment - TCA</td> <td></td><td></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>831,000</td> <td>688,000</td> <td>637,000</td> <td>1,127,000</td> <td>393,000</td> <td>726,000</td> <td>623,000</td> <td>219,000</td> <td>676,000</td> <td>1,437,000</td> <td>7,357,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>831,000</b></td> <td><b>688,000</b></td> <td><b>637,000</b></td> <td><b>1,127,000</b></td> <td><b>393,000</b></td> <td><b>726,000</b></td> <td><b>623,000</b></td> <td><b>219,000</b></td> <td><b>676,000</b></td> <td><b>1,437,000</b></td> <td><b>7,357,000</b></td> </tr> <tr> <td colspan="13"><b>Revenues</b></td> </tr> <tr> <td>197 Off-Road Fleet Replacement</td> <td></td><td></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>145,524</td> <td>688,000</td> <td>637,000</td> <td>1,127,000</td> <td>393,000</td> <td>726,000</td> <td>623,000</td> <td>219,000</td> <td>676,000</td> <td>1,437,000</td> <td>6,671,524</td> </tr> <tr> <td>197CF Committed Funding</td> <td></td><td></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>685,476</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>0</td> <td>685,476</td> </tr> <tr> <td><b>Total</b></td> <td><b>831,000</b></td> <td><b>688,000</b></td> <td><b>637,000</b></td> <td><b>1,127,000</b></td> <td><b>393,000</b></td> <td><b>726,000</b></td> <td><b>623,000</b></td> <td><b>219,000</b></td> <td><b>676,000</b></td> <td><b>1,437,000</b></td> <td><b>7,357,000</b></td> </tr> </tbody> </table>													GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>													5110 Machinery & Equipment - TCA														831,000	688,000	637,000	1,127,000	393,000	726,000	623,000	219,000	676,000	1,437,000	7,357,000	<b>Total</b>	<b>831,000</b>	<b>688,000</b>	<b>637,000</b>	<b>1,127,000</b>	<b>393,000</b>	<b>726,000</b>	<b>623,000</b>	<b>219,000</b>	<b>676,000</b>	<b>1,437,000</b>	<b>7,357,000</b>	<b>Revenues</b>													197 Off-Road Fleet Replacement														145,524	688,000	637,000	1,127,000	393,000	726,000	623,000	219,000	676,000	1,437,000	6,671,524	197CF Committed Funding														685,476	0	0	0	0	0	0	0	0	0	685,476	<b>Total</b>	<b>831,000</b>	<b>688,000</b>	<b>637,000</b>	<b>1,127,000</b>	<b>393,000</b>	<b>726,000</b>	<b>623,000</b>	<b>219,000</b>	<b>676,000</b>	<b>1,437,000</b>	<b>7,357,000</b>
		Revenue																																																																																																																																																																																																																								
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																							
2021	831,000	831,000	0																																																																																																																																																																																																																							
2022	688,000	688,000	0																																																																																																																																																																																																																							
2023	637,000	637,000	0																																																																																																																																																																																																																							
2024	1,127,000	1,127,000	0																																																																																																																																																																																																																							
2025	393,000	393,000	0																																																																																																																																																																																																																							
2026	726,000	726,000	0																																																																																																																																																																																																																							
2027	623,000	623,000	0																																																																																																																																																																																																																							
2028	219,000	219,000	0																																																																																																																																																																																																																							
2029	676,000	676,000	0																																																																																																																																																																																																																							
2030	1,437,000	1,437,000	0																																																																																																																																																																																																																							
	<b>7,357,000</b>	<b>7,357,000</b>	<b>0</b>																																																																																																																																																																																																																							
GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																															
<b>Expenses</b>																																																																																																																																																																																																																										
5110 Machinery & Equipment - TCA																																																																																																																																																																																																																										
	831,000	688,000	637,000	1,127,000	393,000	726,000	623,000	219,000	676,000	1,437,000	7,357,000																																																																																																																																																																																																															
<b>Total</b>	<b>831,000</b>	<b>688,000</b>	<b>637,000</b>	<b>1,127,000</b>	<b>393,000</b>	<b>726,000</b>	<b>623,000</b>	<b>219,000</b>	<b>676,000</b>	<b>1,437,000</b>	<b>7,357,000</b>																																																																																																																																																																																																															
<b>Revenues</b>																																																																																																																																																																																																																										
197 Off-Road Fleet Replacement																																																																																																																																																																																																																										
	145,524	688,000	637,000	1,127,000	393,000	726,000	623,000	219,000	676,000	1,437,000	6,671,524																																																																																																																																																																																																															
197CF Committed Funding																																																																																																																																																																																																																										
	685,476	0	0	0	0	0	0	0	0	0	685,476																																																																																																																																																																																																															
<b>Total</b>	<b>831,000</b>	<b>688,000</b>	<b>637,000</b>	<b>1,127,000</b>	<b>393,000</b>	<b>726,000</b>	<b>623,000</b>	<b>219,000</b>	<b>676,000</b>	<b>1,437,000</b>	<b>7,357,000</b>																																																																																																																																																																																																															
<b>Historical Approved Budget</b>																																																																																																																																																																																																																										
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th></th> </tr> </thead> <tbody> <tr><td>2015</td><td>345,060</td><td>345,060</td><td>0</td><td></td></tr> <tr><td>2016</td><td>702,000</td><td>702,000</td><td>0</td><td></td></tr> <tr><td>2017</td><td>459,000</td><td>459,000</td><td>0</td><td></td></tr> <tr><td>2018</td><td>617,000</td><td>617,000</td><td>0</td><td></td></tr> <tr><td>2019</td><td>451,000</td><td>451,000</td><td>0</td><td></td></tr> <tr><td>2020</td><td>1,287,000</td><td>1,287,000</td><td>0</td><td></td></tr> </tbody> </table>						Revenue			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		2020	1,287,000	1,287,000	0																																																																																																																																																																																
		Revenue																																																																																																																																																																																																																								
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																																																																																																																																																																																																																							
2020	1,287,000	1,287,000	0																																																																																																																																																																																																																							

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date	
2015	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 users require units to be operational to meet expected service levels.	0 0

**LEET REPLACEMENT SCHEDULE - PARKS OFF ROAD FLEET**

(source: FleetFocus as of September 18, 2020)

Unit	Description	Department	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Class 5000 - ZAMBONI - (LIFE CYCLE 8-10 YEARS)</b>												
5004	2008 ZAMBONI ICE RESURFACING MACHINE	RREC		109,200								
5007	2009 ZAMBONI ICE RESURFACING MACHINE	RREC			102,976							
5011	2003 ZAMBONI RESURFACING ICE MACHINE	RREC										
5012	2005 ZAMBONI RESURFACING ICE MACHINE	RREC		109,200								
5013	2014 ZAMBONI RESURFACING ICE MACHINE	RREC				107,356						
5014	2015 ZAMBONI RESURFACING ICE MACHINE	RREC					106,833					
5015	2016 ZAMBONI RESURFACING ICE MACHINE	RREC						105,159				
5016	2018 ZAMBONI RESURFACING ICE MACHINE	RREC									120,774	
5017	2019 ZAMBONI RESURFACING ICE MACHINE	RREC										110,640
<b>Class 5100 - 10' MOWERS - (LIFE CYCLE 8-10 YEARS)</b>												
5102	2014 TORO 4000-D 10' MOWER	RPARKS		97,401								76,175
5103	2014 TORO 4000-D 10' MOWER	RPARKS		97,401								76,175
5104	2011 TORO GROUNDMASTER 4000-D MOWER	RPARKS	95,528									
5105	2011 TORO 4000-D 10' MOWER	RPARKS	95,528									
5106	2011 TORO GROUNDMASTER 4000-D MOWER	RPARKS	95,528									
5107	2011 TORO GROUNDMASTER 4000-D MOWER	RPARKS	95,528									
5114	2015 JACOBSEN 10' CUT WIDE AREA MOWER	RPARKS			59,079							
5115	2015 JACOBSEN R311T4F 10' MOWER	RPARKS			59,079							
5116	2016 TORO 4400-D GROUNDMASTER MOWER	RPARKS				77,685						
5117	2016 TORO 4400-D 120 INCH ROTARY MOWER	RPARKS				78,170						
5118	2016 GROUNDMASTER 10 FT WINGED MOWER	RPARKS				79,430						
5119	2016 GROUNDMASTER 10 FT WINGED MOWER	RPARKS				79,430						
5120	2016 GROUNDMASTER 10 FT WINGED MOWER	RPARKS				79,430						
5121	2018 GROUNDMASTER 10 FT WINGED MOWER	RPARKS					86,559					
5122	2019 TORO 4000-D 10' MOWER	RPARKS							112,730			
5124	2019 TORO 4500-D MOWER	RPARKS							101,036			
<b>Class 5130 - 16' MOWERS - (LIFE CYCLE 8-10 YEARS)</b>												
5130	2014 TORO 5900-D WINGED MOWER	RPARKS		131,117								95,505
5135	2014 TORO 5900-D 16' WINGED MOWER	RPARKS		131,117								95,505
5137	2016 JACOBSEN 9016 16' WIDE AREA MOWER	RPARKS				99,912						
5142	2011 KUBOTA MOWER / PAINT STRIPER	RPARKS									51,680	
5146	2015 JACOBSEN 9016 16' MOWER	RPARKS			86,919							
5147	2015 JACOBSEN HR-705 16' MOWER	RPARKS			86,919							
5148	2016 TORO 5900-D GROUNDMASTER MOWER	RPARKS				115,490						
5149	2016 JACOBSEN SPORTS STRIPPER	RPARKS				72,500						

**LEET REPLACEMENT SCHEDULE - PARKS OFF ROAD FLEET**

(source: FleetFocus as of September 18, 2020)

<u>Unit</u>	<u>Description</u>	<u>Department</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>2029</u>	<u>2030</u>
5150	2017 JACOBSEN 16' MOWER	RPARKS					109,046					
5151	2018 TORO 5900-D 4WD 16' MOWER	RPARKS						126,438				
5152	2018 TORO 5900-D 4WD 16' MOWER	RPARKS						126,438				
5153	2019 TORO 5900-D 4WD 16' MOWER	RPARKS							162,400			
5154	2019 TORO 5900-D 4WD 16' MOWER	RPARKS							163,003			
5155	2020 TORO 5900-D 4WD 16' MOWER	RPARKS										146,856
<b>Class 5160 - ZERO TURN MOWERS - (LIFE CYCLE 8-10 YEARS)</b>												
5168	2016 KUBOTA ZD-331-LP 6' MOWER	RPARKS				18,792						
5170	2019 KUBOTA ZD-1211L-72 ZERO TURN MOWER	RPARKS							21,090			
5171	2019 KUBOTA ZD-1211L-72 ZERO TURN MOWER	RPARKS							19,357			
5172	2019 KUBOTA ZD-1211L-72 ZERO TURN MOWER	RPARKS							19,357			
5173	2020 KUBOTA ZERO TURN REAR MOWER	RPARKS								19,720		
5174	2020 KUBOTA ZERO TURN REAR MOWER	RPARKS								19,720		
5175	2020 KUBOTA ZERO TURN REAR MOWER	RPARKS								19,720		
5176	2020 KUBOTA ZERO TURN REAR MOWER	RPARKS								19,720		
<b>Class 5180 - SLOPE MOWERS - (LIFE CYCLE 8-10 YEARS)</b>												
5180	2008 DVORAK ROTARY SLOPE MOWER	RPARKS										
5181	2015 STEINER STEEP SLOPE CUTTING MOWER	RPARKS				46,888						52,646
5182	2015 STEINER STEEP SLOPE CUTTING MOWER	RPARKS				52,771						59,251
<b>Class 5190 - TOW BEHIND MOWERS - (LIFE CYCLE 8-10 YEARS)</b>												
5193	2017 BUSH HOG FLEX WING ROTARY CUTTER	RPARKS					22,374					
5194	2020 BUSH HOG 13810VC TOW BEHIND MOWER	RPARKS								35,474		
<b>Class 5200 - ALL TERRAIN VEHICLES - (LIFE CYCLE 8-10 YEARS)</b>												
5201	2010 CLUB CAR CARRYALL 272 GOLF CART	RPARKS										
5202	2010 CLUB CAR CARRYALL 272 GOLF CART	RPARKS										
5213	2001 BOBCAT PIONEER GOLF CART	RPARKS										
5214	2001 BOBCAT PIONEER GOLF CART	RPARKS										
5215	2011 BOBCATMODEL 3200 GOLF CART	SOLD									12,920	
5217	2001 BOBCAT PIONEER 2100 GOLF CART	RPARKS										
5224	2006 CLUB CAR CARRYALL 272 GOLF CART	RPARKS										
5225	2006 JOHN DEERE HPX 4X4 GATOR	RPARKS										
5232	2013 BOBCAT MODEL 3200 ATV	RPARKS				14,013			12,675			
5234	2013 BOBCAT MODEL 3200 ATV	RPARKS				14,013				13,921		
5236	2016 KUBOTA RTV1100 UTILITY VEHICLE	RPARKS					36,772					
5237	2016 KUBOTA RTV1100 UTILITY VEHICLE	RPARKS					36,772					

**LEET REPLACEMENT SCHEDULE - PARKS OFF ROAD FLEET**

(source: FleetFocus as of September 18, 2020)

<u>Unit</u>	<u>Description</u>	<u>Department</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>2029</u>	<u>2030</u>
5238	2016 KUBOTA RTV500 UTILITY VEHICLE	RPARKS				14,086						
5239	2016 KUBOTA RTV500 UTILITY VEHICLE	RPARKS				14,086						
5240	2016 KUBOTA RTV500 UTILITY VEHICLE	RPARKS				14,086						
5241	2016 KUBOTA RTV500 UTILITY VEHICLE	RPARKS				14,086						
5242	2016 KUBOTA RTV500 UTILITY VEHICLE	RPARKS				14,086						
5243	2016 YAMAHA CONCIERGE 6 ART CART	RREC				17,832						
5244	2017 KUBOTA RTV500 CART	RREC					14,323					
5245	2018 KUBOTA RTV500 CART	RPARKS						13,318				
5246	2018 KUBOTA RTV500 CART	RPARKS						13,318				
5247	2018 KUBOTA RTV500 CART	RHORT						13,318				
5248	2018 KUBOTA RTV500 CART	RPARKS						13,318				
5249	2018 KUBOTA RTV500 CART	RHORT						13,318				
5250	2018 KUBOTA RTV500 CART	RPARKS						13,318				
5251	2018 KUBOTA RTV500 CART	RPARKS						13,318				
5252	2018 KUBOTA RTV X900W TRACTOR	RFOREST						17,400				
<b>Class 5270 - TOOLCATS - (LIFE CYCLE 8-10 YEARS)</b>												
5271	2013 BOBCAT MODEL 5600-F TOOLCAT	SOLD	81,600								65,568	
5272	2013 BOBCAT MODEL 5600-F TOOLCAT	RPARKS	81,600								65,568	
5273	2016 BOBCAT MODEL 5600-F TOOLCAT	RPARKS				71,948						
5274	2013 BOBCAT MODEL 5600-F W/SPREADER	SOLD	81,600								52,316	
<b>Class 5300 - TRACTORS - (LIFE CYCLE 15-20 YEARS)</b>												
5301	2010 KUBOTA L3240D TRACTOR	RPARKS					50,931					
5308	2011 KUBOTA L3940 TRACTOR	RPARKS	46,708									
5309	2011 KUBOTA L3940 TRACTOR	RPARKS						35,053				
5311	2011 KUBOTA L3940 TRACTOR	RPARKS						35,053				
5312	2011 KUBOTA L3940 TRACTOR	RPARKS						35,053				
5313	2011 KUBOTA L3940 TRACTOR	RPARKS						35,053				
5316	1990 FORD 250-C TRACTOR	RPARKS										
5317	1990 FORD 250-C TRACTOR	SOLD										
5318	1988 JOHN DEERE INTERSTATER TRACTOR	RPARKS										
5319	2014 JOHN DEERE TRACTOR MOWER BOOM	RPARKS									228,480	
5320	2018 KIOTI PX1153 PCB TRACTOR	RPARKS										
5321	2019 KUBOTA L4060 TRACTOR LOADER	RFOREST										
5322	2020 KIOTI TRACTORS PX1153 POWER SHUTTLE	RPARKS										
<b>Class 5400 - SKID STEER / LOADERS - (LIFE CYCLE 10-15 YEARS)</b>												
5403	2014 BOBCAT SKID STEER LOADER	RPARKS				64,963						

**LEET REPLACEMENT SCHEDULE - PARKS OFF ROAD FLEET**

(source: FleetFocus as of September 18, 2020)

Unit	Description	Department	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030		
5404	2011 MELROE BOBCAT SKID STEER LOADER	RPARKS	114,175											
5405	2015 MELROE BOBCAT ALL-WHEEL LOADER	RPARKS					60,000							
<b>Class 5500 - FORK LIFTS - (LIFE CYCLE 20-22 YEARS)</b>														
5501	2012 STARKE FORKLIFT	RPARKS												
5503	2003 NOBLE 8 TON FORKLIFT	RHORT			36,889						40,841			
<b>Class 5600 - RAKES - (LIFE CYCLE 12-15 YEARS)</b>														
5601	2013 TORO MODEL 3040 SAND PRO RAKE	RPARKS					21,841							
5607	2014 TORO MODEL 3040 SAND PRO RAKE	RPARKS						17,154						
5623	2001 BANNERMAN QUICK SLITT PLANTER	RPARKS			35,110									
5644	2011 SMITHCO SAND BUNKER RAKE	RPARKS			19,840									
5678	2011 TURFCO TURF CARE ATTACHMENT	SOLD			15,476									
5679	2011 SCARIFIER TURF MAINT ATTACHMENT	RPARKS			23,684									
5680	LADE SHARPENING CABINET	RPARKS									25,704			
<b>Class 5700 - ATTACHMENTS - (LIFE CYCLE 20-22 YEARS)</b>														
5701	2008 HORST SNOW PLOW BLADE	RPARKS								26,782				
5702	2018 JOHN DEERE UTILITY TRACTOR	RPARKS												
5703	2019 RC TRAILERS COVERED TRAILER	RPARKS												
<b>Class 5800 - TRACKLESS UTILITY - (LIFE CYCLE 10 YEARS)</b>														
5803	2020 TRACKLESS MT7 TRACTOR WITH BROOM	RPARKS										349,680		
5804	2020 TRACKLESS MT7 TRACTOR WITH BROOM	RPARKS										349,680		
<b>Class 5850 - BOATS - (LIFE CYCLE 10 YEARS)</b>														
5850	2018 PRINCECRAFT PONTOON BOAT	RREC								59,537				
5851	2018 MIDWEST INDUSTRIAL BOAT TRAILER	RREC												
<b>Total Number of Active Units:</b>			<b>115</b>											
			<b>Subtotal:</b>		<b>815,820</b>	<b>675,436</b>	<b>625,629</b>	<b>1,106,909</b>	<b>385,348</b>	<b>712,587</b>	<b>611,647</b>	<b>214,594</b>	<b>663,852</b>	<b>1,412,112</b>
			<b>Unrecoverable HST:</b>		<b>14,360</b>	<b>11,889</b>	<b>11,012</b>	<b>19,484</b>	<b>6,783</b>	<b>12,543</b>	<b>10,766</b>	<b>3,777</b>	<b>11,685</b>	<b>24,856</b>
			<b>Total Estimated Cost:</b>		<b>830,181</b>	<b>687,325</b>	<b>636,641</b>	<b>1,126,393</b>	<b>392,131</b>	<b>725,130</b>	<b>622,413</b>	<b>218,372</b>	<b>675,537</b>	<b>1,436,968</b>
			<b>Budget Submission:</b>		<b>831,000</b>	<b>688,000</b>	<b>637,000</b>	<b>1,127,000</b>	<b>393,000</b>	<b>726,000</b>	<b>623,000</b>	<b>219,000</b>	<b>676,000</b>	<b>1,437,000</b>

**Notes:**

1. Replacement costs include estimated purchase price and capitalization.
2. Replacement costs are adjusted for inflation. 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 can be extended.



# Project Version Summary

<b>Project #</b>	OPS-001-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fleet
<b>Title</b>	Fuel Site Equipment Replacement		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
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.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
See Document Attached				Effective January 1, 2020, provincial regulations require 10% ethanol, up from 5%, in order to meet the regulatory mandates related to renewable fuel content and reducing greenhouse gas emissions. Ethanol blended gasoline is not appropriate in two- and four- stroke engines and marine applications. As a result, Lakeview Park Marina and Malden Park have been converted to premium fuel and premium fuel tanks have been added to the Parks McDougall and Little River fuel sites.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>	<b>Expenses</b>											
		<b>Net City Cost</b>		5110	Machinery & Equipment - TCA										
2021	0	0	0		0	289,100	36,300	62,000	17,780	0	19,950	50,000	50,000	50,000	575,130
2022	289,100	289,100	0												
2023	36,300	36,300	0												
2024	62,000	62,000	0												
2025	17,780	17,780	0												
2026	0	0	0												
2027	19,950	19,950	0												
2028	50,000	50,000	0												
2029	50,000	50,000	0												
2030	50,000	50,000	0												
	<b>575,130</b>	<b>575,130</b>	<b>0</b>												
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>											
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>									<b>Exp/(Rev)</b>	<b>FTE Impact</b>
				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	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>											
2017	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %	Angela Marazita	Ongoing											

**Fuel Site Replacement Schedule ~~~ Updated as of December 3, 2020**

Fuel Site	Component	Installation Year	Expected Life*	Replacement Year**	Replacement Cost***	Required Capital Budget by Year****											
						2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	
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 (8-Hose)	2019	10 years	2029	\$ 20,000.00												
	VeederRoot	2009	20-25 years	2029	\$ 45,000.00									\$ 50,000.00			\$ 50,000.00
	Underground Piping	2009	20-25 years	2029	\$ 50,000.00												
	Canopy	2009	20-25 years	2029	\$ 110,000.00			\$ 17,700.00	\$ 18,150.00								\$ 50,000.00
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									
	2200L AST Fuel Tank + Fill-Rite Pump	2020	15-25 years	2040	\$ 5,000.00												
	FuelFocus Controller (4-Hose)	2020	10 years	2030	\$ 18,000.00												
Little River	4600L AST Fuel Tank + Fill-Rite Pump	2010	15-25 years	2030	\$ 7,000.00												
	4500L AST Fuel Tank + Fill-Rite Pump	2020	15-25 years	2040	\$ 7,000.00												
	2200L AST Fuel Tank + Fill-Rite Pump	2020	15-25 years	2040	\$ 5,000.00												
	FuelFocus Controller (4-Hose)	2020	10 years	2030	\$ 18,000.00												
Malden Park	2 x 2300L AST Fuel Tank + Fill-Rite Pumps	2012	15-25 years	2032	\$ 10,000.00												
	FuelFocus Controller (2-Hose)	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 (2-Hose)	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 (2-Hose)	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 (2-Hose)	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												
Electric Charging Stations	Level 2 Charging Station - Crawford Yard (Unit #0485)	2017	10 years	2028	\$ 2,000.00												
	Level 2 Charging Station - Crawford Yard (Unit #0490)	2019	10 years	2029	\$ 2,000.00												
	Level 2 Charging Station - 1266 McDougall (Unit #0486)	2019	10 years	2029	\$ 2,000.00												
	Level 2 Charging Station - 1266 McDougall (Unit #0487)	2019	10 years	2029	\$ 2,000.00												
	Level 2 Charging Station - Lou Romano Plant (Unit #0488)	2019	10 years	2029	\$ 2,000.00												
	Level 2 Charging Station - 400 City Hall (Unit #0489)	2019	10 years	2029	\$ 2,000.00												
	Level 2 Charging Station - Fire Station #1 (Unit #3039)	2019	10 years	2029	\$ 2,000.00												
<b>Totals:</b>						\$ -	\$ -	\$ 289,100.00	\$ 36,300.00	\$ 62,000.00	\$ 17,780.00	\$ -	\$ 19,950.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	

\*Expected life ranges provided by MWH Petroleum, Waddick Fuels, AssetWorks, and Sun Country Highway (electric charging stations).

\*\*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 range.

\*\*\*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 sheets 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 for fuel sites and 2019 for electric charging stations inflated annually by 3% (not compounded).



# Project Version Summary

<b>Project #</b>	OPS-001-20	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fleet
<b>Title</b>	Corporate Fleet Software System		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
<p>This project is to address the fleet software system related improvements and upgrades to ensure efficient operations in all fleet areas.</p> <p>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.</p> <p>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.</p>	<p><b>FleetFocus:</b> 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.</p> <p><b>FuelFocus:</b> The last fuel site to upgrade to Windows 7 is located at the Environmental Services. 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.</p>

<b>Project Comments/Reference</b>	<b>Version Comments</b>
<p>7209002</p> <p>This project is a consolidation and replaces: OPS-002-16 Fuel Site Automation Initiatives and OPS-005-16 FleetFocus Web Migration.</p>	<p>There is an annual software maintenance fee that is shared among the fleet areas.</p> <p>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.</p> <p>Automation of the fuel sites at the Apparatus Division of Fire was completed in 2017 and Fire Headquarters was completed in 2019.</p>

<b>Project Forecast</b>	<b>Project Detailed Forecast</b>																																																																																																																																																																																										
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th colspan="2"></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr><td>2021</td><td>50,000</td><td>50,000</td><td>0</td><td colspan="2"></td></tr> <tr><td>2022</td><td>85,000</td><td>85,000</td><td>0</td><td colspan="2"></td></tr> <tr><td>2023</td><td>50,000</td><td>50,000</td><td>0</td><td colspan="2"></td></tr> <tr><td>2024</td><td>50,000</td><td>50,000</td><td>0</td><td colspan="2"></td></tr> <tr><td>2025</td><td>50,000</td><td>50,000</td><td>0</td><td colspan="2"></td></tr> <tr><td>2026</td><td>50,000</td><td>50,000</td><td>0</td><td colspan="2"></td></tr> <tr><td>2027</td><td>50,000</td><td>50,000</td><td>0</td><td colspan="2"></td></tr> <tr><td>2028</td><td>50,000</td><td>50,000</td><td>0</td><td colspan="2"></td></tr> <tr><td>2029</td><td>50,000</td><td>50,000</td><td>0</td><td colspan="2"></td></tr> <tr><td>2030</td><td>50,000</td><td>50,000</td><td>0</td><td colspan="2"></td></tr> <tr><td></td><td><b>535,000</b></td><td><b>535,000</b></td><td><b>0</b></td><td colspan="2"></td></tr> </tbody> </table>			Revenue				Year	Total Expense	Net City Cost	Subsidies			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			2029	50,000	50,000	0			2030	50,000	50,000	0				<b>535,000</b>	<b>535,000</b>	<b>0</b>			<table border="1"> <thead> <tr> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>5126 Computer Software</td> <td></td> </tr> <tr> <td></td> <td>50,000</td> <td>85,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>535,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>50,000</b></td> <td><b>85,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>535,000</b></td> </tr> <tr> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> </tr> <tr> <td></td> <td>50,000</td> <td>85,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>535,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>50,000</b></td> <td><b>85,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>535,000</b></td> </tr> </tbody> </table>	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>												5126 Computer Software													50,000	85,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	535,000	<b>Total</b>	<b>50,000</b>	<b>85,000</b>	<b>50,000</b>	<b>535,000</b>	<b>Revenues</b>												169 Pay As You Go - Capital Reserve													50,000	85,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	535,000	<b>Total</b>	<b>50,000</b>	<b>85,000</b>	<b>50,000</b>	<b>535,000</b>														
		Revenue																																																																																																																																																																																									
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																								
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																																																																																																																																																																																								
2029	50,000	50,000	0																																																																																																																																																																																								
2030	50,000	50,000	0																																																																																																																																																																																								
	<b>535,000</b>	<b>535,000</b>	<b>0</b>																																																																																																																																																																																								
GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																
<b>Expenses</b>																																																																																																																																																																																											
5126 Computer Software																																																																																																																																																																																											
	50,000	85,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	535,000																																																																																																																																																																																
<b>Total</b>	<b>50,000</b>	<b>85,000</b>	<b>50,000</b>	<b>535,000</b>																																																																																																																																																																																							
<b>Revenues</b>																																																																																																																																																																																											
169 Pay As You Go - Capital Reserve																																																																																																																																																																																											
	50,000	85,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	535,000																																																																																																																																																																																
<b>Total</b>	<b>50,000</b>	<b>85,000</b>	<b>50,000</b>	<b>535,000</b>																																																																																																																																																																																							

<b>Historical Approved Budget</b>																			
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th colspan="2"></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>2020</td> <td>20,000</td> <td>20,000</td> <td>0</td> <td colspan="2"></td> </tr> </tbody> </table>			Revenue				Year	Total Expense	Net City Cost	Subsidies			2020	20,000	20,000	0			
		Revenue																	
Year	Total Expense	Net City Cost	Subsidies																
2020	20,000	20,000	0																

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
			Effective Date	Description	0	0
			Unknown	No Operating Budget Impact		
2020	January 1, 2020	Growth: 100.0 % Maintenance: 0.0 %	Angela Marazita	Ongoing`		



## Project Version Summary

<b>Project #</b>	OPS-002-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fleet
<b>Title</b>	Fuel Site Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	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.

### Project Comments/Reference

7181030

### 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.

### Version Comments

COMMITMENT:  
 CR358/2018 - C 106/2018 - 2021 F221 \$132,000

Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	0	0	0	<b>Expenses</b>												
2022	153,240	153,240	0	5110	Machinery & Equipment - TCA	0	153,240	6,050	50,000	50,000	50,000	50,000	25,000	25,000	25,000	434,290
2023	6,050	6,050	0	<b>Revenues</b>												
2024	50,000	50,000	0	221	Service Sustainability Investm	0	21,240	6,050	50,000	50,000	50,000	50,000	25,000	25,000	25,000	302,290
2025	50,000	50,000	0													
2026	50,000	50,000	0	221CF	Committed Funding	0	132,000	0	0	0	0	0	0	0	0	132,000
2027	50,000	50,000	0													
2028	25,000	25,000	0													
2029	25,000	25,000	0													
2030	25,000	25,000	0													
<b>434,290</b>		<b>434,290</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>									<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	Any budget deferrel in approved funding will result in an increase in operating costs to maintain sites and comply with legislated requirements.									0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2017	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %		Angela Marazita					Ongoing`							



## Project Version Summary

<b>Project #</b>	OPS-005-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fleet
<b>Title</b>	Corporate Fleet Replacement Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>Replacement of dedicated vehicles and equipment.</p> <p>All requests are subject to review and approval of the Fleet Review Committee.</p>	<p><b>Version Description</b></p> <p>Annual budget requests are based on the Fleet Division's projections of required replacements.</p> <p>An increase in the annual dedicated reserve contribution for each of the five consecutive years 2020 through 2024 was approved in 2020 operating budget issue #2020-0084 to ensure a sustainable replacement reserve balance per the 10 year replacement plan. Administration has reviewed the 10-year replacement plans again in 2020 in conjunction with 2021 budget development and has determined that the increase for 2021 will not be required.</p>
<p><b>Project Comments/Reference</b></p> <p>See Document Attached (Closed: 7085004/7091012/7101015/7111028/7121009/7131112/7141002/7151004/7161033/7171021/7181016) Active: 7191001/7201008/7211033</p>	<p><b>Version Comments</b></p> <p>COMMITMENTS: CR424/2020,CR475/2020, C 176/2020, C 157/2020- \$124,554.24 F136 2021</p>

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	1,057,000	1,057,000	0	5110	Machinery & Equipment - TCA											
2022	2,352,000	2,352,000	0		1,057,000	2,352,000	1,643,000	1,968,000	1,200,000	2,228,000	2,272,000	1,341,000	2,471,000	1,707,000	18,239,000	
2023	1,643,000	1,643,000	0		Total	1,057,000	2,352,000	1,643,000	1,968,000	1,200,000	2,228,000	2,272,000	1,341,000	2,471,000	1,707,000	18,239,000
2024	1,968,000	1,968,000	0			0										
2025	1,200,000	1,200,000	0		Revenues											
2026	2,228,000	2,228,000	0	136	Equipment Replacement											
2027	2,272,000	2,272,000	0		932,445	2,352,000	1,643,000	1,968,000	1,200,000	2,228,000	2,272,000	1,341,000	2,471,000	1,707,000	18,114,445	
2028	1,341,000	1,341,000	0	136CF	Committed Funding											
2029	2,471,000	2,471,000	0		124,555	0	0	0	0	0	0	0	0	0	124,555	
2030	1,707,000	1,707,000	0		Total	1,057,000	2,352,000	1,643,000	1,968,000	1,200,000	2,228,000	2,272,000	1,341,000	2,471,000	1,707,000	18,239,000
	<b>18,239,000</b>	<b>18,239,000</b>	<b>0</b>			0										
Historical Approved Budget																
		Revenue														
Year	Total Expense	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													
2020	2,288,000	2,288,000	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 user departments require units to be operational to meet expected service levels.							0	0			
Year Identified	Start Date	Project Type for 2021		Project Lead				Est. Completion Date								
2008	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Angela Marazita				Ongoing`								

**FLEET REPLACEMENT SCHEDULE - CORPORATE FLEET**

(source: FleetFocus as of October 01, 2020)

Unit	Description	Department	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Class 110 - VANS (Life Cycle 7 - 9 Years)</b>												
0259	2010 CHEVROLET EXPRESS CARGO VAN	PW LAB	42,840									
0260	2011 CHEVROLET EXPRESS CARGO VAN	FAC MGT	42,840									
0261	2012 GMC SAVANA CARGO VAN	PW SURVEY	42,840									39,792
0270	2012 CHEVROLET EXPRESS CARGO VAN	FAC MGT	42,840									52,092
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					
027	2018 CHEVROLET E2500 EXPRESS CARGO VAN	PW SURVEY					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 SURVEY					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 SURVEY					35,586					
0284	2020 FORD F250 TRANSIT CARGO VAN	FAC MGT							51,513			
0285	2020 FORD F250 TRANSIT CARGO VAN	FAC MGT							46,738			
0298	2020 FORD TRANSIT CARGO VAN	PW Q & A								38,829		
0299	2020 FORD TRANSIT CARGO VAN	PW Q & A							38,159			
3027	2013 FORD ECONO SUPER CARGO VAN	FIRE			33,143							
<b>Class 120 - CUBE VANS (Life Cycle 9 - 11 Years)</b>												
0304	2012 GMC SAVANA UNICELL VAN	PW SEWER			56,920							
0305	2017 GMC EXPRESS 3500 CUBE VAN	IBRARY							46,107			
<b>Class 145 - MINI VANS (Life Cycle 7 - 9 Years)</b>												
0339	2020 DODGE GRAND CARAVAN	PARK SERV								29,909		
0340	2020 DODGE GRAND CARAVAN	PW SURVEY								32,370		
0341	2020 DODGE GRAND CARAVAN	PW SURVEY								29,909		
0342	2020 DODGE GRAND CARAVAN	TRAF ADMIN								29,909		
0344	2020 DODGE GRAND CARAVAN	INFO TECH								29,909		
0346	2016 DODGE GRAND CARAVAN SE	PW SURVEY			24,905							27,963
0347	2016 DODGE GRAND CARAVAN SE	PW LRPCP			24,905							27,963
0348	2016 DODGE GRAND CARAVAN SE	BUILDING			24,905							27,963
0349	2016 DODGE GRAND CARAVAN SE	PARK SERV			24,905							27,963
0351	2012 DODGE GRAND CARAVAN	PW SURVEY								32,587		

**FLEET REPLACEMENT SCHEDULE - CORPORATE FLEET**

(source: FleetFocus as of October 01, 2020)

<u>Unit</u>	<u>Description</u>	<u>Department</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>2029</u>	<u>2030</u>
0382	2019 DODGE GRAND CARAVAN SXT	PW CONTRAC							31,537			
0383	2014 DODGE GRAND CARAVAN	BUILDING		31,200								26,130
0384	2014 DODGE GRAND CARAVAN	BUILDING		31,200								26,130
0385	2014 DODGE GRAND CARAVAN	BUILDING		31,200								26,130
0386	2014 DODGE GRAND CARAVAN	BUILDING		31,200								26,130
0387	2014 DODGE GRAND CARAVAN	BUILDING		31,200								26,130
0388	2014 DODGE GRAND CARAVAN	BUILDING		31,200								26,130
0389	2014 DODGE GRAND CARAVAN	BUILDING		31,200								26,130
0390	2014 DODGE GRAND CARAVAN	BUILDING		31,200								26,130
0391	2014 DODGE GRAND CARAVAN	BUILDING		31,200								26,130
0392	2014 DODGE GRAND CARAVAN	BUILDING		31,200								26,130
0393	2014 DODGE GRAND CARAVAN	BUILDING		31,200								26,130
0394	2014 DODGE GRAND CARAVAN	PARKS	30,600							25,338		
0395	2016 DODGE CARAVAN MINIVAN	PARKS			27,537							
0396	2016 DODGE CARAVAN MINIVAN	PW TECHNIC			27,537							
0397	2016 DODGE CARAVAN MINIVAN	PW TECHNIC			27,537							
0398	2016 DODGE CARAVAN MINIVAN	SIGNALS			27,537							
0399	2016 DODGE CARAVAN MINIVAN	PW ENFORCE			27,537							
0401	2017 DODGE CARAVAN MINIVAN	PW CONTRAC				28,142						
0402	2017 DODGE CARAVAN MINIVAN	PW SURVEY				28,142						
0403	2017 DODGE CARAVAN MINIVAN	PW SURVEY				28,142						
0404	2017 DODGE CARAVAN MINIVAN	PW CONTRAC				28,142						
0405	2017 DODGE CARAVAN MINIVAN	PW PUMP ST				28,142						
0406	2019 DODGE CARAVAN MINIVAN	PARK SERV						33,232				
0407	2019 DODGE CARAVAN MINIVAN	FAC MGT						33,232				
0408	2019 DODGE CARAVAN MINIVAN	FORESTRY						33,232				
0409	2019 DODGE GRAND CARAVAN	BUILDING							28,001			
0410	2019 DODGE GRAND CARAVAN	BUILDING							27,711			
0411	2019 DODGE CARAVAN MINIVAN	PW SURVEY						30,840				
0412	2019 DODGE CARAVAN MINIVAN	BUILDING						30,840				
0413	2019 DODGE GRAND CARAVAN	BUILDING							27,820			
0414	2019 DODGE GRAND CARAVAN	PW SURVEY							30,498			
0415	2019 DODGE GRAND CARAVAN	PW ENFORCE							29,605			
0416	2019 DODGE CARAVAN MINIVAN	PW Q & A						30,840				
0417	2019 DODGE GRAND CARAVAN	PW WWPCP							27,541			
3019	2013 DODGE GRAND CARAVAN MINIVAN	FIRE			23,013							

**LEET REPLACEMENT SCHEDULE - CORPORATE FLEET**

(source: FleetFocus as of October 01, 2020)

<u>Unit</u>	<u>Description</u>	<u>Department</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>2029</u>	<u>2030</u>
3020	2013 DODGE GRAND CARAVAN MINIVAN	FIRE			23,013							
3021	2013 DODGE GRAND CARAVAN MINIVAN	FIRE			23,013							
3025	2013 DODGE GRAND CARAVAN MINIVAN	FIRE			22,312							
3028	2014 DODGE GRAND CARAVAN	FIRE			23,313							
3029	2014 DODGE GRAND CARAVAN	FIRE			23,313							
3031	2016 DODGE CARAVAN MINIVAN	FIRE			25,071							
3032	2016 DODGE CARAVAN MINIVAN	FIRE			25,071							
3033	2016 DODGE CARAVAN MINIVAN	FIRE			25,071							
3037	2017 DODGE CARAVAN MINIVAN	FIRE				25,958						
3038	2019 DODGE CARAVAN MINIVAN	FIRE					29,583					
3041	2020 DODGE GRAND CARAVAN	FIRE								30,182		
3042	2020 DODGE GRAND CARAVAN	FIRE								30,182		
3043	2020 DODGE GRAND CARAVAN	FIRE								30,182		
3044	2021 FORD TRANSIT CONNECT VAN	FIRE							32,725			
3045	2021 FORD TRANSIT CONNECT VAN	FIRE							32,725			
<b>Class 150 - COMPACT CARS (Life Cycle 6 - 8 Years)</b>												
3007	2011 DODGE CALIBER SXT	FIRE									25,142	
<b>Class 155 - CROSSOVERS (Life Cycle 8 - 10 Years)</b>												
0460	2012 DODGE JOURNEY CROSS OVER	BYLAW									23,363	
0461	2012 DODGE JOURNEY CROSS OVER	BYLAW									23,363	
0462	2012 DODGE JOURNEY CROSS OVER	BYLAW								22,676		
0463	2012 DODGE JOURNEY CROSS OVER	BYLAW								22,676		
0464	2012 DODGE JOURNEY CROSS OVER	BYLAW								22,676		
0465	2012 DODGE JOURNEY CROSS OVER	BYLAW								22,676		
0466	2012 DODGE JOURNEY CROSS OVER	BYLAW								22,676		
0467	2012 DODGE JOURNEY CROSS OVER	BYLAW								22,676		
0468	2012 DODGE JOURNEY CROSS OVER	BYLAW								22,676		
0469	2012 DODGE JOURNEY CROSS OVER	BYLAW								22,676		
0470	2012 DODGE JOURNEY CROSS OVER	BYLAW								22,676		
0471	2012 DODGE JOURNEY CROSS OVER	BYLAW								22,676		
3014	2011 DODGE JOURNEY R/T AWD	FIRE								37,903		
<b>Class 163 - ELECTRIC VEHICLES (Life Cycle 8 - 10 Years)</b>												
0485	2017 CHEVROLET BOLT ELECTRIC CAR	BUILDING					51,681					
0486	2019 CHEVROLET BOLT EV	PARKING						57,957				
0487	2018 FORD FOCUS EV HATCH	PARK SERV									44,353	
0488	2018 FORD FOCUS EV HATCH	PW WWPCP									47,014	

**LEET REPLACEMENT SCHEDULE - CORPORATE FLEET**

(source: FleetFocus as of October 01, 2020)

Unit	Description	Department	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
0489	2018 FORD FOCUS EV HATCH	TRAF STUD									54,890	
0490	2019 CHEVROLET BOLT EV	PW CONTRAC									58,378	
3039	2018 FORD FOCUS EV HATCH	FIRE									46,841	
<b>Class 165 - GAS / ELECTRIC HYBRIDS (Life Cycle 7 - 9 Years)</b>												
0506	2016 FORD C-MAX HYBRID SE	MAILROOM				29,068						
0507	2017 FORD C-MAX ENERGI PLUG-IN HYBRID	INFO TECH				32,735						
<b>Class 200 - SMALL PICKUPS (Life Cycle 7 - 9 Years)</b>												
0603	2009 CHEVROLET COLORADO LT PICKUP	FAC MGT	32,640									
0606	2011 FORD RANGER PICKUP EXTENDED CAB 6'	PW SURVEY	32,640									
0609	2011 FORD RANGER PICKUP EXTENDED CAB 6'	PW SURVEY	32,640									
<b>Class 210 - LARGE PICKUPS (Life Cycle 7 - 9 Years)</b>												
0612	2018 CHEVROLET SILVERADO 1500 PICKUP	FORESTRY					31,780					
0613	2013 CHEVROLET SILVERADO1500 EXT CAB	PW ELECTR		36,400								
0614	2013 CHEVROLET SILVERADO 1500 EXT CAB	PW ROW MAI	35,700								31,966	
0615	2013 CHEVROLET SILVERADO 1500 PICKUP	PW SURVEY	35,700								31,585	
0638	2019 CHEVROLET SILVERADO 1500 PICKUP	PARKS									37,841	
0639	2019 CHEVROLET SILVERADO 1500 PICKUP	PW SEWER									38,191	
0640	2019 CHEVROLET SILVERADO 1500 PICKUP	PW ROW MAI									38,765	
0641	2019 CHEVROLET SILVERADO 1500 PICKUP	PW CONTRAC									38,031	
0642	2019 CHEVROLET SILVERADO 1500 PICKUP	PARKS									36,662	
0643	2019 CHEVROLET SILVERADO 1500 PICKUP	PW SEWER									38,481	
0644	2019 CHEVROLET SILVERADO 1500 PICKUP	PW PUMP ST									35,964	
0647	2019 CHEVROLET SILVERADO 1500 PICKUP	SIGNALS									38,058	
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						
0678	2020 CHEVROLET SILVERADO 1500 PICKUP	PW SEWER							33,67			
0679	2020 CHEVROLET SILVERADO 1500 PICKUP	PW ROW MAI							33,97			
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				
0683	2020 CHEVROLET SILVERADO 1500 PICKUP	PW ENFORCE							35,094			
0684	2020 CHEVROLET SILVERADO 1500 PICKUP	PW ENFORCE							34,610			
0685	2020 CHEVROLET SILVERADO 1500 PICKUP	PW SURVEY							33,196			

**FLEET REPLACEMENT SCHEDULE - CORPORATE FLEET**

(source: FleetFocus as of October 01, 2020)

Unit	Description	Department	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
0714	2015 CHEVROLET SILVERADO 1500 PICKUP	PW ENFORCE		36,400							31,803	
0715	2015 CHEVROLET SILVERADO 1500 PICKUP	PW SURVEY		36,400							31,803	
0716	2015 CHEVROLET SILVERADO 1500 PICKUP	PW SURVEY		36,400							31,803	
0717	2015 CHEVROLET SILVERADO 1500 PICKUP	PARKS		36,400							31,803	
0718	2015 CHEVROLET SILVERADO 1500 PICKUP	PARKS		36,400							31,803	
<b>Class 220 - PICKUPS (Life Cycle 7 - 9 Years)</b>												
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 CONTRAC					36,020					
0659	2018 CHEVROLET SILVERADO 1500 REG CAB PU	PARK SERV					36,906					
0660	2018 FORD F150 PICKUP	FAC MGT					36,220					
0670	2019 FORD F150 PICKUP	PW ENVTAL									46,110	
0671	2019 FORD F150 PICKUP	PW ENVTAL									46,785	
0672	2019 FORD F150 PICKUP	PW ENVTAL									43,355	
0673	2019 FORD F150 PICKUP	HORTICULT									38,080	
0674	2019 FORD F150 PICKUP	FAC MGT									37,797	
0675	2019 FORD F150 PICKUP	PW SURVEY									37,401	
0676	2019 FORD F150 PICKUP	PW SURVEY									37,829	
067	2019 FORD F150 PICKUP	PW ROW MAI									41,349	
0686	2019 GMC SIERRA STD CAB 1500 PICKUP	PW ENVTAL									49,119	
0695	2013 GMC SIERRA REG CAB 8` BOX PICKUP	HORTICULT							29,732			
0697	2013 GMC SIERRA EXT CAB 6` BOX PICKUP	PARKS							29,507			
0699	2013 GMC SIERRA EXT CAB 6` BOX PICKUP	PARKS D&D							29,507			
0719	2016 FORD F150 PICKUP REG CAB 8` BOX	PARKS			36,573							41,064
0720	2016 FORD F150 PICKUP REG CAB 8` BOX	PARKS			36,573							41,064
0721	2016 FORD F150 PICKUP REG CAB 8` BOX	PW WWPCP			36,573							41,064
0722	2016 FORD F150 PICKUP REG CAB 8` BOX	SIGNS&MARK			36,573							41,064
0723	2016 FORD F150 PICKUP REG CAB 8` BOX	FAC MGT			36,573							41,064
0724	2016 FORD F150 PICKUP REG CAB 8` BOX	PW ENVTAL			36,573							41,064
0725	2017 GMC SIERRA 1500 REGULAR CAB PICKUP	SIGNS&MARK				39,679						
<b>Class 230 - SERVICE BODY UTILITY (Life Cycle 9 - 11 Years)</b>												
0737	2011 FORD F350 SUPER DUTY SERVICE BODY	SIGNS&MARK									71,058	
0738	2008 FORD F350 REG CAB SERVICE BODY	SIGNS&MARK										
0739	2008 FORD F350 REG CAB SERVICE BODY	SIGNS&MARK										

**FLEET REPLACEMENT SCHEDULE - CORPORATE FLEET**

(source: FleetFocus as of October 01, 2020)

Unit	Description	Department	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
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		62,400								
0753	2014 FORD F350 SUPER DUTY DUMP TRUCK	PARKS			73,187							
0754	2014 FORD F350 SUPER DUTY DUMP TRUCK	FAC MGT			55,122							
0764	2007 FORD F350 4X2 XL SUPER DUTY	PW EQUIP	104,981									
07 0	2011 CHEVROLET SILVERADO 2500 4X4 PICKUP	PW WWPCP		62,400								
07 1	2012 CHEVROLET SILVERADO 2500 4X4 PICKUP	PW LRPCP		62,400								
07	2011 CHEVROLET SILVERADO 2500 4X4 PICKUP	PARK SERV		62,400								
0780	2013 GMC SIERRA 4X4 REG CAB PICKUP	PARKS	41,820								47,543	
0781	2013 GMC SIERRA 4X4 REG CAB PICKUP	PARKS	41,820								47,543	
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							
<b>Class 246 - CREW CABS UTILITY (Life Cycle 9 - 11 Years)</b>												
0791	2011 CHEVROLET SILVERADO WT 3500 CREWCAB	HORTICULT									72,054	
0792	2011 CHEVROLET SILVERADO 3500 CREW CAB	HORTICULT	66,300									
0796	2011 CHEVROLET SILVERADO WT 3500 CREWCAB	PARKS									69,909	
0797	2011 CHEVROLET SILVERADO WT 3500 CREWCAB	PARKS									69,909	
0798	2013 GMC SIERRA 3500 HD CREWCAB	PARKS		67,600								
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								49,261		
<b>Class 305 - 10000 GVW TRUCKS (Life Cycle 9 - 11 Years)</b>												
0853	2015 FORD F350 B DUMP TRUCK	PW SEWER		67,600								55,809
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									63,028	
0858	2011 CHEVROLET SILVERADO WT 3500 TRUCK	PW ROW MAI								61,174		
0859	2013 GMC SIERRA 3500 HD CREWCAB	PW ROW MAI		67,600								
0868	2018 FORD F350 B DUMP TRUCK	PW ROW MAI							64,266			
0869	2018 FORD F350 B DUMP TRUCK	PW ROW MAI							64,266			
0870	2018 FORD F350 B DUMP TRUCK	PW SEWER							48,227			
0872	2007 DODGE RAM 3500 B DUMP TRUCK	PARKS										

**LEET REPLACEMENT SCHEDULE - CORPORATE FLEET**

(source: FleetFocus as of October 01, 2020)

Unit	Description	Department	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
0873	2007 DODGE RAM 3500 B DUMP TRUCK	SOLD										
0874	2008 FORD F350XL SUPER DUTY B TRUCK	PW ROW MAI										
<b>Class 325 - 14000 TO 20000 GVW TRUCKS (Life Cycle 9 - 11 Years)</b>												
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		104,000								
<b>Class 330 - 22000 TO 28000 GVW TRUCKS (Life Cycle 10 - 12 Years)</b>												
0946	2008 STERLING ACTERRA CHIPPER TRUCK	FORESTRY		145,600								
0947	2016 FREIGHTLINER M2-106 B TRUCK	PW WINTERC						165,760				
0948	2016 FREIGHTLINER FL-80-106 B TRUCK	PW WINTERC						165,760				
<b>Class 360 - 33000 TO 35000 GVW TRUCKS (Life Cycle 10 - 12 Years)</b>												
0971	2010 NAVISTAR 7400 SFA DUMP SALTER PLOW	PW WINTERC			134,872							
<b>Class 365 - 50000-60000 GVW TRUCKS (Life Cycle 10 - 12 Years)</b>												
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										
<b>Class 405 - 14 CU YD PACKERS (Life Cycle 8 - 10 Years)</b>												
1012	2015 FORD F550 14 CU YD PACKER	PARKS			131,738							
1016	2019 FORD F550 14 CU YD PACKER	PW ENVTAL								230,987		
<b>Class 435 - 20 CU. YD. 50000 GVW PACKERS (Life Cycle 8 - 10 Years)</b>												
1058	2019 FREIGHTLINER M2106 PACKER	PW ENVTAL								301,695		
1059	2007 FREIGHTLINER M2 TANDEM PACKER	PW ENVTAL	265,200									
<b>Class 440 - PACKER FRONT END LOADER (Life Cycle 8 - 10 Years)</b>												
1075	2020 MACK TE64 LABRIE WITTKE 40 CU YD	PW ENVTAL										438,967
1078	2016 MACK MRU613 FEL WITTKE BODY	PW ENVTAL						344,322				
<b>Class 450 - 17 CU YARD SIDE LOADING PACKER (Life Cycle 8 - 10 Years)</b>												
1084	2015 FREIGHTLINER M2106 ONE-MAN PACKER	PARKS					261,736					
1099	2007 FREIGHTLINER M2 17 YD PACKER	PW ENVTAL										
<b>Class 506 - AERIAL TRUCK 22000 GVW (Life Cycle 10 - 12 Years)</b>												
1227	2005 FORD F550XL SUPER DUTY TRUCK	SIGNS&MARK						159,146				
1228	2007 STERLING ACTERRA AERIAL TRUCK	SIGNALS				229,034						
1229	2020 FREIGHTLINER M2 AERIAL TRUCK	SIGNALS										
1230	2020 FREIGHTLINER M2 AERIAL TRUCK	SIGNALS										
<b>Class 511 - AERIAL TRUCKS 33000 GVW (Life Cycle 10 - 12 Years)</b>												

**FLEET REPLACEMENT SCHEDULE - CORPORATE FLEET**

(source: FleetFocus as of October 01, 2020)

Unit	Description	Department	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
1247	2010 FREIGHTLINER CONVENTIONAL AERIAL	FORESTRY										
1248	2011 FREIGHTLINER CONVENTIONAL	FORESTRY										
<b>Class 520 - 6 CU YD VACUUM STREET SWEEPER (Life Cycle 10 - 12Years)</b>												
1263	2008 ELGIN WHIRLWIND MV-3043-D SWEEPER	PW ENVTAL										
1267	2016 RAVO 5 SERIES STREET SWEEPER	PW ENVTAL							329,860			
1268	2016 RAVO 5 SERIES STREET SWEEPER	PW ENVTAL							329,860			
1269	2017 RAVO 5 SERIES STREET SWEEPER	PW ENVTAL								340,000		
<b>Class 529 - TRUCK WATER TANK (Life Cycle 20 Years)</b>												
1311	2008 STERLING ACTERRA WATER TRUCK	HORTICULT										118,802
<b>Class 531 - SEWER VACTOR (Life Cycle 10 - 12 Years)</b>												
1319	2011 INTERNATIONAL WORK STAR VACTOR	PW SEWER				470,642						
1321	2015 FREIGHTLINER 2100 VACTOR TRUCK	PW SEWER							476,381			
<b>Class 535 - DUMP/CRANE TRUCKS (Life Cycle 10 - 12 Years)</b>												
1327	2015 FREIGHTLINER M-2 CRANE/DUMP	FORESTRY				168,827						
<b>Class 537 - LINE PAINTING TRUCK (Life Cycle 20 Years)</b>												
1331	2002 GMC T8500 LINETECH TM52275AA	SIGNS&MARK						800,000				
<b>Class 603 - SEWER RODDERS - TRUCK MOUNTED (Life Cycle 12 - 15Years)</b>												
1360	1999 FORD F450 XL TRUCK	PW SEWER		228,800								
<b>Class 608 - SEWER BUCKET MACHINES (Life Cycle 20 Years)</b>												
1369	1985 SRECO PULLBACK SEWER BUCKET	PW SEWER		93,600								
1370	1985 SRECO LOADER	PW SEWER		116,480								
<b>Class 640 - BRUSH CHIPPER DIESEL (Life Cycle 10 - 15 Years)</b>												
1433	2013 VERMEER BC 1800XL WOOD CHIPPER	FORESTRY				88,308						
1436	2007 VERMEER BRUSH CHIPPER 1800 XL TRAIL	FORESTRY										
1437	2011 VERMEER BC1000XL WOOD CHIPPER	FORESTRY		124,800								
1439	2013 VERMEER BC1500 WOOD CHIPPER	FORESTRY			59,513							
<b>Class 645 - GAS GOLF CARTS (Life Cycle 8 - 10 Years)</b>												
1460	2017 CUSHMAN HAULER 1200 GOLF CART	PW WWPCP							23,201			
1461	2017 CUSHMAN HAULER 1200 GOLF CART	PW WWPCP							23,201			
<b>Class 650 - MISCELLANEOUS TRAILERS (Life Cycle 12 - 15 Years)</b>												
147	2000 NOBLE INDUSTRIES STRAIGHTLINE TRAIL	SIGNS&MARK										
1478	2000 NOBLE INDUSTRIES STRAIGHTLINE TRAIL	SIGNS&MARK										
1479	2000 NOBLE INDUSTRIES STRAIGHTLINE TRAIL	SIGNS&MARK										
1480	2019 PJ TRAILERS TJ202 CAR HAULER TILT	PARKS									18,063	
1481	2002 FOREST RIVER CARGO TRAILER	SIGNS&MARK										

**LEET REPLACEMENT SCHEDULE - CORPORATE FLEET**

(source: FleetFocus as of October 01, 2020)

Unit	Description	Department	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
1487	2001 ROBCOL EXPC/5T TRAILER	SIGNALS				23,590						
1488	2001 ROBCOL EXPC/5T TRAILER	SIGNALS				23,590						
1490	2020 PJ TRAILERS GOOSENECK TRAILER	PARKS									39,221	
<b>Class 660 - 2 - 6 CU. YD. SALT SPREADERS (Life Cycle 9 - 11 Years)</b>												
0649S	2015 WESTERN 7800 7' 1.5 CU YD SALTER	PW ENVTAL				6,842						
07 0S	2011 WESTERN 7800 7' 2.5 CU YD SALTER	PW WWPCP		4,705								
07 S	2011 SNO-WAY 1.5 CU YD SALTER	PARK SERV		5,939								
0780S	2013 WESTERN TORNADO SLIDE IN SPREADER	PARKS	8,670								7,333	
0781S	2013 WESTERN TORNADO SLIDE IN SPREADER	PARKS	8,670								7,333	
0782S	2015 SALTDogg 2.0 CU YD SALTER	PARKS				10,243						
0783S	2018 WESTERN ELECTRIC 2.0 CU YD SALTER	PARKS							7,559			
0930S	2014 FISHER PRO-CASTER SALTER	PW WINTERC				20,727						
0931S	2008 FISHER PRO-CASTER SALTER 3.3 CU YD	PW WINTERC										
0939S	2011 WESTERN 2.5 CU YD ICE BREAKER SALT	PARKS									15,856	
0947S	2011 WESTERN 3.3 CU YD ICE BREAKER SALT	PW WINTERC									27,309	
0948S	2008 FISHER PRO-CASTER SALTER 3.3 CU YD	PW WINTERC										
<b>Class 664 - 7 - 10 CU YD. SALT SPREADERS (Life Cycle 9 - 11 Years)</b>												
0971S	2006 SCHMIDT STRATOS 4 CU YD SALTER	PW WINTERC		88,400								
0991S	2013 SCHMIDT STRATOS B70-42 SALTER COMBI	PW WINTERC		88,400								
0992S	2004 SCHMIDT STRATOS V BODY SALTER	PW WINTERC										
0993S	2004 SCHMIDT STRATOS V BODY SALTER	PW WINTERC										
<b>Class 665 - LARGE SNOW PLOWS (Life Cycle 9 - 11 Years)</b>												
0971P	2011 VIKING CHIVES MONASHEE LARGE PLOW	PW WINTERC		66,606								
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										
<b>Class 667 - SMALL SNOW PLOWS (Life Cycle 9 - 11 Years)</b>												
0649P	2015 WESTERN 7'6" SNOW PLOW	PW ENVTAL				8,118						
07 0P	2011 PRO PLOW 7.5 STEEL SNOW PLOW	PW WWPCP		6,960								
07 1P	2012 FISHER V SNOW PLOW	PW LRPCP		5,110								
07 P	2011 WESTERN SMALL PLOW 7.5 PRO STEEL	PARK SERV		6,787								
0780P	2013 WESTERN SNOW PLOW 7.5' FULL TRIP	PARKS	9,690								7,245	
0781P	2013 WESTERN SNOW PLOW 7.5 FULL TRIP	PARKS	9,690								7,245	
0782P	2017 WESTERN 8' PRO PLOW	PARKS				9,252						
0783P	2018 WESTERN 8' PRO PLOW	PARKS							9,606			

**FLEET REPLACEMENT SCHEDULE - CORPORATE FLEET**

(source: FleetFocus as of October 01, 2020)

Unit	Description	Department	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030					
0873P	2009 WESTERN PRO SMALL PLOW 8'6"	STOR															
0930P	2007 WESTERN SMALL PLOW 9' ULTRA MOUNT	PW WINTERC	12,240														
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										
0948P	2016 VIKING-CIVES 9' TRIP EDGE SNOW PLOW	PW WINTERC					23,566										
<b>Class 680 - CRASH ATTENUATORS (Life Cycle 15 - 20 Years)</b>																	
1581	2019 VORTEQ CRASH ATTENUATOR	POOL															
<b>Class 700 - FORK LIFTS (Life Cycle 20 Years)</b>																	
1603	2013 HYUNDAI 25L-7A FORKLIFT	SIGNS&MARK															
<b>Class 710 - SNOWBLOWER DIESEL (Life Cycle 20 Years)</b>																	
1620	1978 VOHL SNOW BLOWER	PW WINTERC		112,343													
<b>Class 735 - LAWN TRACTORS/RIDING MOWERS (Life Cycle 15 Years)</b>																	
1672	2013 FRONT MOWER F3080 MOWER/BLOWER	PW LRPCP								34,956							
1673	2011 JOHN DEERE 1445 LAWN MOWER	PW WWPCP						44,092									
<b>Class 740 - FEL LOADER / BACKHOE (Life Cycle 15 Years)</b>																	
1683	2005 CASE 621D 4 WHEEL LOADER	PARKS															
1684	2016 CAT 926M WHEEL LOADER	PW WINTERC										227,335					
<b>Total Number of Active Units:</b>			<b>297</b>			<b>Subtotal:</b>		<b>940,361</b>	<b>2,212,529</b>	<b>1,515,578</b>	<b>1,834,753</b>	<b>1,080,881</b>	<b>2,090,381</b>	<b>2,134,229</b>	<b>1,219,266</b>	<b>2,329,057</b>	<b>1,578,459</b>
						<b>Unrecoverable HST:</b>		<b>16,552</b>	<b>38,945</b>	<b>26,677</b>	<b>32,295</b>	<b>19,026</b>	<b>36,795</b>	<b>37,567</b>	<b>21,462</b>	<b>40,996</b>	<b>27,784</b>
<b>Total Estimated Cost:</b>				<b>956,914</b>	<b>2,251,474</b>	<b>1,542,255</b>	<b>1,867,048</b>	<b>1,099,906</b>	<b>2,127,176</b>	<b>2,171,796</b>	<b>1,240,728</b>	<b>2,370,053</b>	<b>1,606,243</b>				
<b>Emergency Replacement Contingency:</b>				<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>
<b>Budget Submission:</b>				<b>1,057,000</b>	<b>2,352,000</b>	<b>1,643,000</b>	<b>1,968,000</b>	<b>1,200,000</b>	<b>2,228,000</b>	<b>2,272,000</b>	<b>1,341,000</b>	<b>2,471,000</b>	<b>1,707,000</b>				

**Notes:**

1. Replacement costs include estimated purchase price and capitalization.
2. Replacement costs are adjusted for inflation. 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 can be extended.



## Project Version Summary

<b>Project #</b>	OPS-022-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fleet
<b>Title</b>	Purchase of Fleet Additions and Upgrades		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	2017 (Active)		

<p><b>Project Description</b></p> <p>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 10-year plan, fleet requests are provided on an annual basis, therefore, submissions will be made each year based on user requirements.</p> <p>All requests are subject to review by the Fleet Review Committee.</p>	<p><b>Version Description</b></p> <p>2021:</p> <p>Upgrade of aerial trucks in Forestry Addition of 2021 trucks for Fire</p> <p>2022:</p> <p>Conversion of 11 minivans to electric vehicles for Building</p> <p>Add a full size van for the library</p> <p>Unforeseen / Emergency Additions</p> <p>2023 - 2030:</p> <p>Unforeseen/Emergency Additions</p>
<p><b>Project Comments/Reference</b></p> <p>See Document Attached Active: 7191023/ 7201009/ 7211034 (Closed: 7065024/ 7096002/ 7111020/ 7121008/ 7131113/ 7141003/ 7161035/ 7151010/ 7171022/ 7181017)</p>	<p><b>Version Comments</b></p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	135,000	45,000	90,000	5110	Machinery & Equipment - TCA										
2022	240,000	240,000	0		135,000	240,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,575,000
2023	150,000	150,000	0	Total	135,000	240,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,575,000
2024	150,000	150,000	0	Revenues											
2025	150,000	150,000	0	128	Dev Chg - PW/Build/Equip/Fleet										
2026	150,000	150,000	0		45,000	210,876	50,000	30,000	0	0	0	0	0	0	335,876
2027	150,000	150,000	0	169	Pay As You Go - Capital Reserve										
2028	150,000	150,000	0		0	29,124	100,000	120,000	150,000	150,000	150,000	150,000	150,000	150,000	1,149,124
2029	150,000	150,000	0	7052	TRANSFER From Capital Projects										
2030	150,000	150,000	0		90,000	0	0	0	0	0	0	0	0	0	90,000
	<b>1,575,000</b>	<b>1,485,000</b>	<b>90,000</b>	Total	135,000	240,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,575,000
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2009	255,000	255,000	0												
2011	154,000	154,000	0												
2012	60,000	60,000	0												
2013	25,000	25,000	0												
2014	125,000	125,000	0												
2015	155,500	155,500	0												
2016	40,000	40,000	0												
2017	145,000	145,000	0												
2018	310,000	310,000	0												
2019	543,000	543,000	0												
2020	877,000	877,000	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description							Exp/(Rev)	FTE Impact		
				Unknown	Increased operating budgets related to maintenance, parts, fuel, etc. required when equipment is added to the fleet. Magnitude of additional costs dependent upon type of equipment being added.							0	0		
Year Identified	Start Date	Project Type for 2021		Project Lead				Est. Completion Date							
2007	January 1, 2016	Growth: 100.0 % Maintenance: 0.0 %		Angela Marazita				Ongoing`							

**Fleet Additions & Upgrades Budget Summary**

Item	Department/ Division	Fleet Area	Equipment Request	Request Type	Background Information	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
1	Forestry	Corporate	Upgrade of aerial trucks	Upgrade	The 2 aerial trucks were approved for replacement in 2020 at a cost of \$267,240 each based on replacements of similar trucks. The department requires trucks with elevator lifts in order to accommodate their operation and the health and safety of their employees. The incremental cost for these features is approximately \$45,000 per unit.	\$90,000									
4	Fire Rescue Services	Fire Services	Addition of One Class 210 Pick-Up Truck	Addition	Department has a new vehicle included in 2021 Operating Budget 2021-0004. Should Council approve the operating request, an addition will be required for the capital purchase of the initial vehicle. Should Council not approve the operation request, the capital funding will be returned to the original funding source.	\$45,000									
6	Building	Corporate	Conversion of 11 minivans to electric vehicles	Upgrade	The Building department supports the conversion of its dedicated fleet to electric vehicles. The incremental cost for an electric vehicle is approximately \$15,000. Of 23 dedicated units, 1 is an electric vehicle. In 2020, 5 electric vehicle additions were approved. Conversion of 11 minivans on the corporate replacement plan will bring the conversion rate from 26% to 74% in the Building department.		\$ 165,000								
7	Library	Corporate	1 Full Size Van	Addition	The Library has a 2011 van that was purchased by the Library and therefore is not part of the corporate rental rate system or fleet replacement plan. Acquisition of this van will provide a dedicated vehicle for the Library to carry out its duties. The department will be submitting a budget issue during the 2020 budget process to request operating funds for a dedicated fleet unit.		\$ 35,000								
8	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.	\$ -	\$ 40,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
<b>Total Fleet Additions/Upgrades</b>						<b>\$ 135,000</b>	<b>\$ 240,000</b>	<b>\$ 150,000</b>							
<b>Rounded</b>						<b>\$ 135,000</b>	<b>\$ 240,000</b>	<b>\$ 150,000</b>							

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, including non-refundable HST.



# Project Version Summary

<b>Project #</b>	OPS-027-18	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fleet
<b>Title</b>	Greening the Fleet		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
<p>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.</p> <p>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.</p>				<p>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.</p> <p>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.</p>												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	5110 Machinery & Equipment - TCA	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	450,000
2022	50,000	50,000	0	Total	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	450,000
2023	50,000	50,000	0	<b>Revenues</b>												
2024	50,000	50,000	0	169 Pay As You Go - Capital Reserve	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	450,000
2025	50,000	50,000	0	Total	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	450,000
2026	50,000	50,000	0													
2027	50,000	50,000	0													
2028	50,000	50,000	0													
2029	50,000	50,000	0													
2030	50,000	50,000	0													
	<b>450,000</b>	<b>450,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2018	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %	Angela Marazita	Ongoing`
			<b>Effective Date</b> <b>Description</b> Unknown            Implementation of greener vehicles results in reductions in maintenance and fuel costs	<b>Exp/(Rev)</b> <b>FTE Impact</b> 0                    0



## Project Version Summary

<b>Project #</b>	OPS-001-13	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parking Services
<b>Title</b>	Parking Equipment Replacement Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	Ward 2, Ward 3, Ward 4		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>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.</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, 2019 is \$1,532,078. The current 10-year reserve forecast, including the capital funding for this project, projects this reserve will remain sustainable.</p>	<p><b>Version Description</b></p> <p>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 &amp; display machines. Replacements could be a result of upgrading of technology and / or replacement due to age or repair requirements.</p>
<p><b>Project Comments/Reference</b></p> <p>7135001</p>	<p><b>Version Comments</b></p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	104,000	104,000	0	5110	Machinery & Equipment - TCA										
2022	106,000	106,000	0		104,000	106,000	108,000	110,000	112,000	114,000	116,000	118,000	120,000	122,000	1,130,000
2023	108,000	108,000	0		Total	104,000	106,000	108,000	110,000	112,000	114,000	116,000	118,000	120,000	1,130,000
2024	110,000	110,000	0	Revenues											
2025	112,000	112,000	0	138	Off Street Parking										
2026	114,000	114,000	0		104,000	106,000	108,000	110,000	112,000	114,000	116,000	118,000	120,000	122,000	1,130,000
2027	116,000	116,000	0		Total	104,000	106,000	108,000	110,000	112,000	114,000	116,000	118,000	120,000	1,130,000
2028	118,000	118,000	0												
2029	120,000	120,000	0												
2030	122,000	122,000	0												
	<b>1,130,000</b>	<b>1,130,000</b>	<b>0</b>												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
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												
2020	102,000	102,000	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 costs for temporary repairs and maintenance.						0	0			
Year Identified	Start Date	Project Type for 2021		Project Lead				Est. Completion Date							
2013	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Shawna Boakes				Ongoing`							



## Project Version Summary

<b>Project #</b>	OPS-018-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parking Services
<b>Title</b>	Parking Garage Capital Rehabilitation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	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, 2019 is \$1,532,078. 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 were completed in 2018/2019 as the assessments are completed every two years. The report details the capital works priorities for each garage.

LED conversion and upgrade work is now complete. Elevator maintenance is tentatively scheduled in 2021. Interior beautification work was completed in 2019. Exterior work is tentatively scheduled for 2021/2022.

### Version Comments

COMMITMENT:  
CR604/2020, C 233/2020 F138 - 2021 - \$305,000

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	1,040,000	1,040,000	0	5410	Construction Contracts - TCA										
2022	530,000	530,000	0		1,040,000	530,000	540,000	550,000	560,000	570,000	580,000	590,000	600,000	600,000	6,160,000
2023	540,000	540,000	0		Total	1,040,000	530,000	540,000	550,000	560,000	570,000	580,000	590,000	600,000	6,160,000
2024	550,000	550,000	0			0									
2025	560,000	560,000	0	Revenues											
2026	570,000	570,000	0	138	Off Street Parking										
2027	580,000	580,000	0		735,000	530,000	540,000	550,000	560,000	570,000	580,000	590,000	600,000	600,000	5,855,000
2028	590,000	590,000	0	138CF	Committed Funding										
2029	600,000	600,000	0		305,000	0	0	0	0	0	0	0	0	0	305,000
2030	600,000	600,000	0		Total	1,040,000	530,000	540,000	550,000	560,000	570,000	580,000	590,000	600,000	6,160,000
	<b>6,160,000</b>	<b>6,160,000</b>	<b>0</b>			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												
2020	510,000	510,000	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 costs for temporary repairs and maintenance.						0	0			
Year Identified	Start Date	Project Type for 2021		Project Lead				Est. Completion Date							
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Shawna Boakes / Ian Day				Ongoing`							



# Project Version Summary

<b>Project #</b>	OPS-019-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parking Services
<b>Title</b>	New Parking Lot Development		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																																																
<p>This allocation provides for property acquisition and development for the expansion of the municipal parking program throughout the city where required.</p> <ul style="list-style-type: none"> <li>- Per CR499/91, purchase of properties for construction of off-street parking facilities within the Erie St. BIA.</li> <li>- Per CR1203/99, purchase of properties for construction of off-street parking facilities along Wyandotte St. from McDougall to Devonshire.</li> </ul> <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, 2019 is \$1,532,078. 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.																																																																																																																																																																																																																																																
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																																																
(7059127 closed) 7219009																																																																																																																																																																																																																																																				
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																																																
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th colspan="13"></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="4"><b>Expenses</b></td> <td colspan="13"></td> </tr> <tr> <td>2021</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td>5210 Land Acquisition</td> <td></td> </tr> <tr> <td>2022</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td></td> <td>100,000</td> <td>1,000,000</td> </tr> <tr> <td>2023</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td>Total</td> <td>100,000</td> <td>1,000,000</td> </tr> <tr> <td>2024</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td colspan="4"><b>Revenues</b></td> <td colspan="10"></td> </tr> <tr> <td>2025</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td>138 Off Street Parking</td> <td></td> </tr> <tr> <td>2026</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td></td> <td>100,000</td> <td>1,000,000</td> </tr> <tr> <td>2027</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td>Total</td> <td>100,000</td> <td>1,000,000</td> </tr> <tr> <td>2028</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td>2029</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td>2030</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td colspan="2"><b>1,000,000</b></td> <td><b>1,000,000</b></td> <td><b>0</b></td> <td colspan="12"></td> </tr> </tbody> </table>						Revenue															Year	Total Expense	Net City Cost	Subsidies	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>																	2021	100,000	100,000	0	5210 Land Acquisition												2022	100,000	100,000	0		100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000	2023	100,000	100,000	0	Total	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000	2024	100,000	100,000	0	<b>Revenues</b>														2025	100,000	100,000	0	138 Off Street Parking												2026	100,000	100,000	0		100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000	2027	100,000	100,000	0	Total	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000	2028	100,000	100,000	0													2029	100,000	100,000	0													2030	100,000	100,000	0													<b>1,000,000</b>		<b>1,000,000</b>	<b>0</b>																									
		Revenue																																																																																																																																																																																																																																																		
Year	Total Expense	Net City Cost	Subsidies	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																																					
<b>Expenses</b>																																																																																																																																																																																																																																																				
2021	100,000	100,000	0	5210 Land Acquisition																																																																																																																																																																																																																																																
2022	100,000	100,000	0		100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000																																																																																																																																																																																																																																					
2023	100,000	100,000	0	Total	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000																																																																																																																																																																																																																																					
2024	100,000	100,000	0	<b>Revenues</b>																																																																																																																																																																																																																																																
2025	100,000	100,000	0	138 Off Street Parking																																																																																																																																																																																																																																																
2026	100,000	100,000	0		100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000																																																																																																																																																																																																																																					
2027	100,000	100,000	0	Total	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000																																																																																																																																																																																																																																					
2028	100,000	100,000	0																																																																																																																																																																																																																																																	
2029	100,000	100,000	0																																																																																																																																																																																																																																																	
2030	100,000	100,000	0																																																																																																																																																																																																																																																	
<b>1,000,000</b>		<b>1,000,000</b>	<b>0</b>																																																																																																																																																																																																																																																	
<b>Historical Approved Budget</b>																																																																																																																																																																																																																																																				
<b>Related Projects</b>				<b>Operating Budget Impact</b>																																																																																																																																																																																																																																																
				<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>New parking lot developments will require operating budget increases for ongoing repairs and maintenance.</td> <td>0</td> <td>0</td> </tr> </tbody> </table>													Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	New parking lot developments will require operating budget increases for ongoing repairs and maintenance.	0	0																																																																																																																																																																																																																												
Effective Date	Description	Exp/(Rev)	FTE Impact																																																																																																																																																																																																																																																	
Unknown	New parking lot developments will require operating budget increases for ongoing repairs and maintenance.	0	0																																																																																																																																																																																																																																																	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>																																																																																																																																																																																																																																																

2007	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %	Shawna Boakes / Ian Day	Ongoing`
------	-----------------	------------------------------------	-------------------------	----------



# Project Version Summary

<b>Project #</b>	OPS-020-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parking Services
<b>Title</b>	Parking Lot Rehabilitation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
<p>This allocation provides for the rehabilitation of municipal parking lots in the City.</p> <p>An annual expenditure of \$250,000 for rehabilitation work is recommended. Annual funding accumulates annually in preparation for required rehabilitation.</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, 2019 is \$1,532,078. The current 10-year reserve forecast, including the capital funding for this project, projects this reserve will remain sustainable.</p>	<p>In 2020, 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.</p> <p>Based on current issues, lot 16 may require a full rehabilitation in 2021.</p>

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7191022 CLOSED: 7059014/ 7111032	

<b>Project Forecast</b>	<b>Project Detailed Forecast</b>																																																																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="3">Revenue</th> <th colspan="10"></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th colspan="10"></th> </tr> </thead> <tbody> <tr><td>2021</td><td>104,000</td><td>104,000</td><td>0</td><td colspan="10"></td></tr> <tr><td>2022</td><td>106,000</td><td>106,000</td><td>0</td><td colspan="10"></td></tr> <tr><td>2023</td><td>108,000</td><td>108,000</td><td>0</td><td colspan="10"></td></tr> <tr><td>2024</td><td>110,000</td><td>110,000</td><td>0</td><td colspan="10"></td></tr> <tr><td>2025</td><td>112,000</td><td>112,000</td><td>0</td><td colspan="10"></td></tr> <tr><td>2026</td><td>114,000</td><td>114,000</td><td>0</td><td colspan="10"></td></tr> <tr><td>2027</td><td>116,000</td><td>116,000</td><td>0</td><td colspan="10"></td></tr> <tr><td>2028</td><td>118,000</td><td>118,000</td><td>0</td><td colspan="10"></td></tr> <tr><td>2029</td><td>120,000</td><td>120,000</td><td>0</td><td colspan="10"></td></tr> <tr><td>2030</td><td>122,000</td><td>122,000</td><td>0</td><td colspan="10"></td></tr> <tr><td></td><td><b>1,130,000</b></td><td><b>1,130,000</b></td><td><b>0</b></td><td colspan="10"></td></tr> </tbody> </table>			Revenue													Year	Total Expense	Net City Cost	Subsidies											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	118,000	118,000	0											2029	120,000	120,000	0											2030	122,000	122,000	0												<b>1,130,000</b>	<b>1,130,000</b>	<b>0</b>											<table border="1"> <thead> <tr> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>5410</td> <td colspan="11">Construction Contracts - TCA</td> </tr> <tr> <td></td> <td>104,000</td> <td>106,000</td> <td>108,000</td> <td>110,000</td> <td>112,000</td> <td>114,000</td> <td>116,000</td> <td>118,000</td> <td>120,000</td> <td>122,000</td> <td>1,130,000</td> </tr> <tr> <td>Total</td> <td>104,000</td> <td>106,000</td> <td>108,000</td> <td>110,000</td> <td>112,000</td> <td>114,000</td> <td>116,000</td> <td>118,000</td> <td>120,000</td> <td>122,000</td> <td>1,130,000</td> </tr> <tr> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>138</td> <td colspan="11">Off Street Parking</td> </tr> <tr> <td></td> <td>104,000</td> <td>106,000</td> <td>108,000</td> <td>110,000</td> <td>112,000</td> <td>114,000</td> <td>116,000</td> <td>118,000</td> <td>120,000</td> <td>122,000</td> <td>1,130,000</td> </tr> <tr> <td>Total</td> <td>104,000</td> <td>106,000</td> <td>108,000</td> <td>110,000</td> <td>112,000</td> <td>114,000</td> <td>116,000</td> <td>118,000</td> <td>120,000</td> <td>122,000</td> <td>1,130,000</td> </tr> </tbody> </table>	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>												5410	Construction Contracts - TCA												104,000	106,000	108,000	110,000	112,000	114,000	116,000	118,000	120,000	122,000	1,130,000	Total	104,000	106,000	108,000	110,000	112,000	114,000	116,000	118,000	120,000	122,000	1,130,000	<b>Revenues</b>												138	Off Street Parking												104,000	106,000	108,000	110,000	112,000	114,000	116,000	118,000	120,000	122,000	1,130,000	Total	104,000	106,000	108,000	110,000	112,000	114,000	116,000	118,000	120,000	122,000	1,130,000
		Revenue																																																																																																																																																																																																																																																																																																		
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																																																																																																	
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	118,000	118,000	0																																																																																																																																																																																																																																																																																																	
2029	120,000	120,000	0																																																																																																																																																																																																																																																																																																	
2030	122,000	122,000	0																																																																																																																																																																																																																																																																																																	
	<b>1,130,000</b>	<b>1,130,000</b>	<b>0</b>																																																																																																																																																																																																																																																																																																	
GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																																																																																									
<b>Expenses</b>																																																																																																																																																																																																																																																																																																				
5410	Construction Contracts - TCA																																																																																																																																																																																																																																																																																																			
	104,000	106,000	108,000	110,000	112,000	114,000	116,000	118,000	120,000	122,000	1,130,000																																																																																																																																																																																																																																																																																									
Total	104,000	106,000	108,000	110,000	112,000	114,000	116,000	118,000	120,000	122,000	1,130,000																																																																																																																																																																																																																																																																																									
<b>Revenues</b>																																																																																																																																																																																																																																																																																																				
138	Off Street Parking																																																																																																																																																																																																																																																																																																			
	104,000	106,000	108,000	110,000	112,000	114,000	116,000	118,000	120,000	122,000	1,130,000																																																																																																																																																																																																																																																																																									
Total	104,000	106,000	108,000	110,000	112,000	114,000	116,000	118,000	120,000	122,000	1,130,000																																																																																																																																																																																																																																																																																									

<b>Historical Approved Budget</b>																										
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th colspan="1"></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th></th> </tr> </thead> <tbody> <tr><td>2011</td><td>40,000</td><td>40,000</td><td>0</td><td></td></tr> <tr><td>2019</td><td>50,000</td><td>50,000</td><td>0</td><td></td></tr> <tr><td>2020</td><td>102,000</td><td>102,000</td><td>0</td><td></td></tr> </tbody> </table>			Revenue			Year	Total Expense	Net City Cost	Subsidies		2011	40,000	40,000	0		2019	50,000	50,000	0		2020	102,000	102,000	0		
		Revenue																								
Year	Total Expense	Net City Cost	Subsidies																							
2011	40,000	40,000	0																							
2019	50,000	50,000	0																							
2020	102,000	102,000	0																							

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date	
2007	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Shawna Boakes / Ian Day	Ongoing`	
			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 maintenance.	0 0



# Project Version Summary

<b>Project #</b>	ECP-001-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Streetlighting
<b>Title</b>	Citywide Streetlight Rehabilitation & Relocations Including E.C. Row Expressway		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>Several programs have been developed to replace, upgrade and maintain various street lights city wide. This includes:</p> <ul style="list-style-type: none"> <li>- Street light relocation due to Enwin capital hydro project upgrades</li> <li>- Upgrades to street light poles and wiring</li> </ul> <p>This program relates to collector and arterial roads which do not currently meet City policies related to the provision of street lights.</p> <p>To assist with installation of lighting in alleyways as per S129/2018, "Alley Lighting and Related Measures Policy".</p> <p>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 including infrastructure on E.C. Row Expressway.</p>	<p><b>Version Description</b></p> <p>2021 - 2030: Street light relocations, upgrades to street light poles and wiring citywide including E.C. Row Expressway</p> <ul style="list-style-type: none"> <li>- Citywide street light relocation due to Enwin capital hydro project repairs and maintenance to street light poles and wiring.</li> <li>- Immediate pole replacement for one or two poles in an area that are degrading</li> <li>- Wiring upgrades to areas without conduit and experiencing voltage/current issues.</li> <li>- Replace older/degrading underground conduit.</li> <li>- Labour costs for premature failure of decorative poles (warranty includes material only).</li> <li>- Replace degrading power supplies</li> <li>- Repair receptacles and pedestrian lighting in BIA areas.</li> </ul>
<p><b>Project Comments/Reference</b></p> <p>(7093003 closed) 7035011, 7209010</p>	<p><b>Version Comments</b></p> <p>ENG-008-20 - E.C. Row Expressway and Ramps - Streetlight Rehabilitation Program has been rolled into this main citywide rehabilitation and relocation project. E.C. Row Funding included 2021 to 2030: 2021 - \$160,990, 2022 - \$169,353, 2023 - \$231,375, 2024 - \$743,615, 2025 - \$859,725, 2026 - \$0, 2027 - \$0, 2028 - \$503,730, 2029 - \$330,400, 2030 - \$474,470 Historical E.C. Row Funding Approved: 2020 = \$84,942</p> <p>ENG-004-19 Alley lighting has been rolled into this main citywide rehabilitation and relocation project. Alley funding included 2021 to 2030: 2021 - \$0, 2022 - \$50,000, 2023 - \$50,000, 2024 - \$50,000, 2025 - \$50,000, 2026 - \$0, 2027 - \$0, 2028 - \$0, 2029 - \$0, 2030 - \$0 Historical Alley Funding Approved: \$0</p>

Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	Expenses												
2021	660,990	660,990	0	5410	Construction Contracts - TCA											
2022	369,353	369,353	0		660,990	369,353	593,375	943,615	1,266,280	1,360,000	1,360,000	1,357,460	1,010,800	1,298,940	10,220,813	
2023	593,375	593,375	0		Total	660,990	369,353	593,375	943,615	1,266,280	1,360,000	1,360,000	1,357,460	1,010,800	1,298,940	10,220,813
2024	943,615	943,615	0	Revenues												
2025	1,266,280	1,266,280	0	169	Pay As You Go - Capital Reserve											
2026	1,360,000	1,360,000	0		0	50,000	50,000	50,000	50,000	0	0	0	0	0	200,000	
2027	1,360,000	1,360,000	0	221	Service Sustainability Investm											
2028	1,357,460	1,357,460	0		660,990	319,353	543,375	893,615	1,216,280	1,360,000	1,360,000	1,357,460	1,010,800	1,298,940	10,020,813	
2029	1,010,800	1,010,800	0		Total	660,990	369,353	593,375	943,615	1,266,280	1,360,000	1,360,000	1,357,460	1,010,800	1,298,940	10,220,813
2030	1,298,940	1,298,940	0													
	<b>10,220,813</b>	<b>10,220,813</b>	<b>0</b>													
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													
2020	240,000	240,000	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 costs for temporary repairs and maintenance.							0	0			
Year Identified	Start Date	Project Type for 2021		Project Lead				Est. Completion Date								
2007	January 1, 2007	Growth: 0.0 % Maintenance: 100.0 %		Shawna Boakes / Ian Day				Ongoing`								



# Project Version Summary

<b>Project #</b>	ENG-003-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Streetlighting
<b>Title</b>	New Streetlights on Collectors and Arterials		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
This program relates to collector and arterial roads which do not currently meet City policies related to the provision of street lights.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	5410	Construction Contracts - TCA											
2021	0	0	0	0	100,000	100,000	100,000	100,000	0	100,000	100,000	100,000	100,000	100,000	800,000	
2022	100,000	100,000	0	<hr/>												
2023	100,000	100,000	0	Total	0	100,000	100,000	100,000	0	100,000	100,000	100,000	100,000	100,000	800,000	
2024	100,000	100,000	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	100,000	100,000	0	0	100,000	100,000	100,000	0	100,000	100,000	100,000	100,000	100,000	800,000		
2027	100,000	100,000	0	<hr/>												
2028	100,000	100,000	0	Total	0	100,000	100,000	100,000	0	100,000	100,000	100,000	100,000	800,000		
2029	100,000	100,000	0													
2030	100,000	100,000	0													
	<b>800,000</b>	<b>800,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	Any budget deferral in approved funding will result in an increase in the operating costs for temporary repairs and maintenance.							0	0			
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2017	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %	Shawna Boakes / Ian Day	Ongoing`												



# Project Version Summary

<b>Project #</b>	ENG-007-20	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Streetlighting
<b>Title</b>	Streetlights on Ottawa Street - Pierre to Howard		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	Ward 4		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
To replace the existing decorative street light poles on Ottawa Street from Pierre Avenue to Howard Avenue due to age.				Engineering is expected to begin in 2021 with construction work following in 2022. Approximately \$150,000 is required for engineering with the balance of funding to be used for construction work. The pedestrian lights that will be added during this project will be new. The remaining will be maintenance.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7203003																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	160,990	160,990	0													
2022	338,703	338,703	0													
2023	462,753	462,753	0													
2024	136,589	136,589	0													
2025	0	0	0													
2026	0	0	0													
2027	0	0	0													
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>1,099,035</b>	<b>1,099,035</b>	<b>0</b>													
<b>Historical Approved Budget</b>				<b>Revenues</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2020	50,965	50,965	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>									<b>Est. Completion Date</b>				
2020	January 1, 2020	Growth: 0.0 % Maintenance: 100.0 %	Shawna Boakes / Ian Day									2022'				



# Project Version Summary

<b>Project #</b>	OPS-001-21	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Streetlighting
<b>Title</b>	Streetlight Pole Replacement Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
On-going major street light replacement program including pole and wiring replacement, and decorative pole/luminaire replacement. Many areas around the City require large-scale replacements due to age of infrastructure. This project would be used to address these areas on a yearly basis as funding is available. The City owns 16,325 poles and has 24,000 luminaires. Of these, 2,716 are decorative poles and more than 80% of the decorative poles are older non-LED technology. Poles have a life cycle of 20 years which means the City should be replacing 816 poles on a yearly basis in order to replace all poles at or before end of life. City staff are initiating a pole inspection program at a cost of \$150,792 to be split over a 3 year rotational term, therefore, 5,442 poles will be reviewed each year. The cost to run the inspection program will be accommodated in this project. The inspection program will identify upcoming projects for this project.	The cost to replace 680 standard poles each year is ~\$2,800 per pole, and the cost to replace 135 decorative poles each year is ~\$5,500 per pole. This would cost the City ~\$2,646,500 each year. Initially a number of older decorative poles would require an upgraded luminaire which would cost an additional \$4,000 per pole. In order to begin to address the deficiencies, the following projects have already been identified as requiring immediate attention. The inspection will identify new projects each year.  Priority pole replacement projects (includes pole replacements only, no upgrades to wiring or luminaires): <ul style="list-style-type: none"> <li>* Giles Blvd (Janette to Gladstone) - \$242,666</li> <li>* Sandwich Area - \$522,666</li> <li>* Walkerville Area - \$1,260,000</li> <li>* University (Crawford to Sunset) - \$588,000</li> <li>* South Central Area (Wyandotte Street W to Tecumseh Street W) - \$504,000</li> </ul> Future projects to be identified through an inspection program Administration is planning to initiate in 2021.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
	ENG-004-19 Alley lighting has been rolled into this main pole replacement. Alley funding included 2021 to 2030: 2021 - \$0, 2022 - \$50,000, 2023 - \$50,000, 2024 - \$50,000, 2025 - \$50,000, 2026 - \$0, 2027 - \$0, 2028 - \$0, 2029 - \$0, 2030 - \$0 Historical Alley Funding Approved: \$0

<b>Project Forecast</b>	<b>Project Detailed Forecast</b>																																																																																																																																																		
<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> <th rowspan="2">Subsidies</th> </tr> <tr> <th>Net City Cost</th> <th></th> </tr> </thead> <tbody> <tr><td>2021</td><td>0</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><td>0</td></tr> <tr><td>2023</td><td>50,000</td><td>50,000</td><td>0</td><td>0</td></tr> <tr><td>2024</td><td>50,000</td><td>50,000</td><td>0</td><td>0</td></tr> <tr><td>2025</td><td>50,000</td><td>50,000</td><td>0</td><td>0</td></tr> <tr><td>2026</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2027</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2028</td><td>12,540</td><td>12,540</td><td>0</td><td>0</td></tr> <tr><td>2029</td><td>359,200</td><td>359,200</td><td>0</td><td>0</td></tr> <tr><td>2030</td><td>71,060</td><td>71,060</td><td>0</td><td>0</td></tr> <tr><td><b>Total</b></td><td><b>642,800</b></td><td><b>642,800</b></td><td><b>0</b></td><td><b>0</b></td></tr> </tbody> </table>	Year	Total Expense	Revenue		Subsidies	Net City Cost		2021	0	0	0	0	2022	50,000	50,000	0	0	2023	50,000	50,000	0	0	2024	50,000	50,000	0	0	2025	50,000	50,000	0	0	2026	0	0	0	0	2027	0	0	0	0	2028	12,540	12,540	0	0	2029	359,200	359,200	0	0	2030	71,060	71,060	0	0	<b>Total</b>	<b>642,800</b>	<b>642,800</b>	<b>0</b>	<b>0</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td>0</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td>0</td> <td>12,540</td> <td>359,200</td> <td>71,060</td> <td>642,800</td> </tr> <tr> <td><b>Total</b></td> <td><b>0</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>12,540</b></td> <td><b>359,200</b></td> <td><b>71,060</b></td> <td><b>642,800</b></td> </tr> <tr> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>221 Service Sustainability Investm</td> <td>0</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>0</td> <td>0</td> <td>12,540</td> <td>359,200</td> <td>71,060</td> <td>642,800</td> </tr> <tr> <td><b>Total</b></td> <td><b>0</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>50,000</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>12,540</b></td> <td><b>359,200</b></td> <td><b>71,060</b></td> <td><b>642,800</b></td> </tr> </tbody> </table>	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>												5410 Construction Contracts - TCA	0	50,000	50,000	50,000	50,000	0	0	12,540	359,200	71,060	642,800	<b>Total</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>12,540</b>	<b>359,200</b>	<b>71,060</b>	<b>642,800</b>	<b>Revenues</b>												221 Service Sustainability Investm	0	50,000	50,000	50,000	50,000	0	0	12,540	359,200	71,060	642,800	<b>Total</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>12,540</b>	<b>359,200</b>	<b>71,060</b>	<b>642,800</b>
Year			Total Expense	Revenue		Subsidies																																																																																																																																													
	Net City Cost																																																																																																																																																		
2021	0	0	0	0																																																																																																																																															
2022	50,000	50,000	0	0																																																																																																																																															
2023	50,000	50,000	0	0																																																																																																																																															
2024	50,000	50,000	0	0																																																																																																																																															
2025	50,000	50,000	0	0																																																																																																																																															
2026	0	0	0	0																																																																																																																																															
2027	0	0	0	0																																																																																																																																															
2028	12,540	12,540	0	0																																																																																																																																															
2029	359,200	359,200	0	0																																																																																																																																															
2030	71,060	71,060	0	0																																																																																																																																															
<b>Total</b>	<b>642,800</b>	<b>642,800</b>	<b>0</b>	<b>0</b>																																																																																																																																															
GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																								
<b>Expenses</b>																																																																																																																																																			
5410 Construction Contracts - TCA	0	50,000	50,000	50,000	50,000	0	0	12,540	359,200	71,060	642,800																																																																																																																																								
<b>Total</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>12,540</b>	<b>359,200</b>	<b>71,060</b>	<b>642,800</b>																																																																																																																																								
<b>Revenues</b>																																																																																																																																																			
221 Service Sustainability Investm	0	50,000	50,000	50,000	50,000	0	0	12,540	359,200	71,060	642,800																																																																																																																																								
<b>Total</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>12,540</b>	<b>359,200</b>	<b>71,060</b>	<b>642,800</b>																																																																																																																																								

<b>Historical Approved Budget</b>	
-----------------------------------	--

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date	
2021	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %	Shawna Boakes / Ian Day	Ongoing`	
			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 maintenance.	0 0



## Project Version Summary

<b>Project #</b>	OPS-004-19	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Technical Support
<b>Title</b>	Infor Hansen Infrastructure Management System		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	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 &amp; record infrastructure assets, work order repair histories, inspections, condition ratings, and repairs performed. The system is used to manage the road network assets, sewer &amp; 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, and every 5 years thereafter.</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"> <li>• reducing the number of hard copy forms,</li> <li>• eliminating data entry backlogs,</li> <li>• expediting the release of inspection results and issuance of work orders,</li> <li>• enabling real-time data capture during data collection, inspections, and repairs</li> <li>• querying capabilities of asset information, work orders, &amp; inspections in the field</li> </ul> <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 &amp; devices, professional services (upgrade &amp; 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	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	90,000	90,000	0	5126	Computer Software										
2022	0	0	0		90,000	0	0	0	0	65,000	65,000	0	0	0	220,000
2023	0	0	0		Total	90,000	0	0	0	65,000	65,000	0	0	0	220,000
2024	0	0	0	Revenues											
2025	0	0	0	028	Sewer Surcharge										
2026	65,000	65,000	0		31,500	0	0	0	0	22,750	22,750	0	0	0	77,000
2027	65,000	65,000	0	169	Pay As You Go - Capital Reserve										
2028	0	0	0		0	0	0	0	0	42,250	42,250	0	0	0	84,500
2029	0	0	0	176	Federal Gas Tax Rebate										
2030	0	0	0		30,420	0	0	0	0	0	0	0	0	0	30,420
	<b>220,000</b>	<b>220,000</b>	<b>0</b>	221	Service Sustainability Investm										
					28,080	0	0	0	0	0	0	0	0	0	28,080
					Total	90,000	0	0	0	65,000	65,000	0	0	0	220,000
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2020	135,000	135,000	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description							Exp/(Rev)	FTE Impact		
				Unknown	Implementation of new technology results in ongoing software maintenance and support costs							0	0		
Year Identified	Start Date	Project Type for 2021		Project Lead				Est. Completion Date							
2019	January 1, 2019	Growth: 52.0 % Maintenance: 48.0 %		Diana Digirolamo				Ongoing`							



# Project Version Summary

<b>Project #</b>	OPS-008-20	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Traffic Operations
<b>Title</b>	Traffic Signal Upgrades and Replacements		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	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 291 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 73 signalized intersections 30 years of age or older, and an additional 105 intersections 20 years of age or older. 20-30 year old signalized intersections represent 61% 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. Currently, less than 10% of the signalized intersections in the City meet AODA requirements.

**Version Description**

By the end of 2020, 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 non-intrusive 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. Vehicle detection is a prerequisite to the implementation of adaptive signal operation modules and strategies. Funds will be used for installation of vehicle detection on arterial and collector roads.

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 and continues on with the priority list which is based on life cycle of LEDs currently installed.

Funds will also be used to upgrade the pedestrian facilities at intersections to meet the new 2016 accessibility requirements 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. Often older intersections require physical changes such as pole movement, additional concrete, and new underground conduit and wiring. Pilot projects began in 2020 in which Bluetooth technology is used to provide AODA functionality while not meeting the full extent of the AODA physical requirements. Administration is working with the CNIB to determine the success rate of this new technology to decide if it is a short term fix for at need intersections prior to a full re-build being budgeted.

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 (closed and merged into 7209000): 7045076 – New Signals / Signal System Improvements 7109004 – LED Signal Replacements 7192009 – Video Detection 7194000 – Audible Pedestrian Signals  7209000 – 2020 Traffic Signals – Upgrades and Replacements 7211046 - 2021 Traffic Signals – Upgrades and Replacements See Document Attached.				NOTE: \$325,000 F221 in 2022 has moved to OPS-002-21(Connecting Links 6) as placeholder funding pending grant notification. If we do not receive the grant, funding will return to its original project.											
Project Forecast				Project Detailed Forecast											
				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
				<b>Expenses</b>											
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	5410	Construction Contracts - TCA										
2021	1,271,208	1,271,208	0												
2022	822,940	822,940	0		1,271,208	822,940	804,673	1,721,405	2,278,137	2,930,000	2,330,000	2,100,000	2,100,000	2,100,000	18,458,363
2023	804,673	804,673	0		Total	1,271,208	822,940	804,673	1,721,405	2,278,137	2,930,000	2,330,000	2,100,000	2,100,000	18,458,363
2024	1,721,405	1,721,405	0			8									
2025	2,278,137	2,278,137	0	<b>Revenues</b>											
2026	2,930,000	2,930,000	0	169	Pay As You Go - Capital Reserve										
2027	2,330,000	2,330,000	0		445,604	573,970	48,000	369,000	569,000	609,000	309,000	500,000	500,000	500,000	4,423,574
2028	2,100,000	2,100,000	0	176	Federal Gas Tax Rebate										
2029	2,100,000	2,100,000	0		190,000	0	0	0	0	0	0	0	0	0	190,000
2030	2,100,000	2,100,000	0	221	Service Sustainability Investm										
	<b>18,458,363</b>	<b>18,458,363</b>	<b>0</b>		635,604	248,970	756,673	1,352,405	1,709,137	2,321,000	2,021,000	1,600,000	1,600,000	1,600,000	13,844,789
				Total	1,271,208	822,940	804,673	1,721,405	2,278,137	2,930,000	2,330,000	2,100,000	2,100,000	2,100,000	18,458,363
					8										
Historical Approved Budget															
				Revenue											
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>												
2020	1,294,475	1,294,475	0												
Related Projects				Operating Budget Impact											
<b>Precedes</b>	<b>Project Title</b>			<b>Effective Date</b>	<b>Description</b>							<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
OPS-012-07	Traffic Signals - Capital Upgrades and Replacements			Unknown	Any budget deferral in approved funding will result in an increase in the operating costs for temporary repairs and maintenance.							0	0		
OPS-002-09	Video Detection Infrastructure & Equipment Upgrade/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-001-10	Traffic Signal LED Replacement Program														
OPS-003-16	Accessibility - Audible Pedestrian Signals Implementation (AODA)														
Year Identified	Start Date	Project Type for 2021		Project Lead					Est. Completion Date						
2020	January 1, 2020	Growth: 50.0 % Maintenance: 50.0 %		Shawna Boakes / Ian Day					Ongoing						

Project Attachment  
For: 2021

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)	PLAN FOR REBUILD	No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)	PLAN FOR REBUILD
1	BROCK & SANDWICH	1970	1990	50	-30	2022 (BNA Bridge Works)	57	GOYEAU & PITT	1989	2009	31	-11	
2	KILDARE & SENECA	1978	1998	42	-22	Warrant for removal	58	GOYEAU & RIVERSIDE	1989	2009	31	-11	
3	CALIFORNIA & TECUMSEH	1980	2000	40	-20		59	GRAND MARAIS & HOWARD	1989	2009	31	-11	
4	CANTELON & LAUZON PKWY	1980	2000	40	-20	2023 AMP Funding	60	HALL & WYANDOTTE	1989	2009	31	-11	
5	CENTRAL & E.C. ROW (N)	1980	2000	40	-20		61	HURON CHURCH & NORTHWOOD	1989	2009	31	-11	
6	CENTRAL & E.C. ROW (S)	1980	2000	40	-20		62	PARENT & WYANDOTTE	1989	2009	31	-11	
7	DOMINION & E.C. ROW (N)	1980	2000	40	-20		63	TECUMSEH & WESTMINSTER	1989	2009	31	-11	2022 with Contracts
8	DOMINION & E.C. ROW (S)	1980	2000	40	-20		64	BRUCE & WYANDOTTE	1990	2010	30	-10	
9	ESSEX WAY & LAUZON PKWY	1980	2000	40	-20	2021 AMP Funding	65	COUNTY RD 42 & COUNTY RD 17	1990	2010	30	-10	Sandwich South Master Plan
10	FOREST GLADE & LAUZON PKWY	1980	2000	40	-20	2021 AMP Funding	66	COUNTY RD 42 & LAUZON PKWY	1990	2010	30	-10	Sandwich South Master Plan
11	HAWTHORNE & LAUZON PKWY	1980	2000	40	-20	2023 AMP Funding	67	E.C. ROW & BANWELL	1990	2010	30	-10	
12	RICHMOND & WALKER	1980	2000	40	-20		68	EUGENIE & MCDOUGALL	1990	2010	30	-10	
13	CAMPBELL & TECUMSEH	1984	2004	36	-16		69	JANETTE & WYANDOTTE	1990	2010	30	-10	
14	CRAWFORD & WYANDOTTE	1984	2004	36	-16	2022 With Engineering	70	PATRICIA & WYANDOTTE	1990	2010	30	-10	
15	DIVISION & HOWARD	1984	2004	36	-16		71	PELLISSIER & WYANDOTTE	1990	2010	30	-10	
16	ELLIOTT & GOYEAU	1984	2004	36	-16		72	SUNSET & WYANDOTTE W	1990	2010	30	-10	
17	SUNSET & UNIVERSITY	1984	2004	36	-16	University EA	73	UNIVERSITY & VICTORIA	1990	2010	30	-10	University EA
18	BRUCE & UNIVERSITY	1985	2005	35	-15	University EA	74	DOUGALL & NOTTINGHAM	1991	2011	29	-9	
19	CHATHAM & GOYEAU	1985	2005	35	-15		75	HURON CHURCH & UNIVERSITY	1991	2011	29	-9	
20	DOMINION & GRAND MARAIS	1985	2005	35	-15		76	WINDSOR & WYANDOTTE	1991	2011	29	-9	
21	FOREST GLADE & TECUMSEH	1985	2005	35	-15	2026 With Engineering	77	CENTRAL & SEMINOLE	1992	2012	28	-8	
22	GEORGE & WYANDOTTE	1985	2005	35	-15		78	CHURCH & UNIVERSITY	1992	2012	28	-8	University EA
23	GOYEAU & UNIVERSITY	1985	2005	35	-15		79	DOUGALL & NORFOLK	1992	2012	28	-8	
24	HOWARD & ROUNDHOUSE	1985	2005	35	-15		80	DOUGALL & WEST GRAND	1992	2012	28	-8	
25	CENTRAL & TECUMSEH	1986	2006	34	-14	2024 with Contracts	81	DROUILLARD & SEMINOLE	1992	2012	28	-8	
26	DOUGALL & TECUMSEH	1986	2006	34	-14		82	GEORGE & SEMINOLE	1992	2012	28	-8	
27	HALL & TECUMSEH	1986	2006	34	-14		83	HURON CHURCH & WYANDOTTE	1992	2012	28	-8	
28	JEFFERSON & ROSE	1986	2006	34	-14		84	PILLETTE & SEMINOLE	1992	2012	28	-8	
29	KILDARE & OTTAWA	1986	2006	34	-14		85	VICTORIA & WYANDOTTE	1992	2012	28	-8	
30	KILDARE & TECUMSEH	1986	2006	34	-14		86	DROUILLARD & RIVERSIDE	1993	2013	27	-7	
31	LINCOLN & TECUMSEH	1986	2006	34	-14	2022 with Contracts	87	ELLIOTT & MCDOUGALL	1993	2013	27	-7	
32	OTTAWA & PARENT	1986	2006	34	-14		88	ELLIS & OUELLETTE	1993	2013	27	-7	
33	CRAWFORD & UNIVERSITY	1987	2007	33	-13	University EA	89	GIRARDOT & HURON CHURCH	1993	2013	27	-7	Asthetic Upgrade 2021
34	DOUGALL & EUGENIE	1987	2007	33	-13		90	HURON CHURCH & TECUMSEH	1993	2013	27	-7	2021 (Connecting Links)
35	DOUGALL & SUPERCENTER	1987	2007	33	-13		91	NORTHWAY & TECUMSEH	1993	2013	27	-7	
36	ERIE & OUELLETTE	1987	2007	33	-13	2021 With Engineering	92	WELLINGTON & WYANDOTTE	1993	2013	27	-7	
37	GOYEAU & TUSCARORA	1987	2007	33	-13		93	AYLMER & RIVERSIDE	1994	2014	26	-6	
38	McDOUGALL & SHEPHERD	1987	2007	33	-13		94	BRUCE & RIVERSIDE	1994	2014	26	-6	
39	MELDRUM & TECUMSEH	1987	2007	33	-13		95	CHRYSLER CENTRE & GATE 6	1994	2014	26	-6	
40	MILL & SANDWICH	1987	2007	33	-13	2022 (BNA Bridge Works)	96	CHURCH & RIVERSIDE	1994	2014	26	-6	
41	OTTAWA & WALKER	1987	2007	33	-13		97	COLLEGE & HURON CHURCH	1994	2014	26	-6	2021 (Connecting Links)
42	PARENT & TECUMSEH	1987	2007	33	-13		98	ERIE & GOYEAU	1994	2014	26	-6	
43	BERNARD & TECUMSEH	1988	2008	32	-12	2021 with Engineering	99	GILES & GOYEAU	1994	2014	26	-6	
44	CALIFORNIA & COLLEGE	1988	2008	32	-12		100	GILES & MCDOUGALL	1994	2014	26	-6	2022 with Engineering
45	EUGENIE & OUELLETTE	1988	2008	32	-12		101	GILES & PARENT	1994	2014	26	-6	2022 with Engineering
46	FORD & TECUMSEH	1988	2008	32	-12		102	GLENGARRY & RIVERSIDE	1994	2014	26	-6	
47	GEORGE & TECUMSEH	1988	2008	32	-12		103	OUELLETTE & SHEPHERD	1994	2014	26	-6	
48	PILLETTE & WYANDOTTE	1988	2008	32	-12		104	WATSON & WYANDOTTE	1994	2014	26	-6	
49	PRINCESS & TECUMSEH	1988	2008	32	-12		105	CAMPBELL & GROVE	1995	2015	25	-5	
50	RIVARD & TECUMSEH	1988	2008	32	-12		106	CHRYSLER CENTRE & GATE 5	1995	2015	25	-5	
51	SEMINOLE & WALKER	1988	2008	32	-12		107	EDINBOROUGH & HOWARD	1995	2015	25	-5	
52	SENECA & WALKER	1988	2008	32	-12		108	ERIE & MCDOUGALL	1995	2015	25	-5	2028 with Engineering
53	AYLMER & WYANDOTTE	1989	2009	31	-11		109	ERIE & VICTORIA	1995	2015	25	-5	
54	FOREST GLADE & LAUZON RD	1989	2009	31	-11		110	GOYEAU & WYANDOTTE	1995	2015	25	-5	
55	FOREST GLADE & WILDWOOD	1989	2009	31	-11		111	STRABANE & WYANDOTTE	1995	2015	25	-5	2020 with Engineering
56	GLENGARRY & WYANDOTTE	1989	2009	31	-11		112	CENTRAL & TEMPLE	1996	2016	24	-4	

Project Attachment  
For: 2021

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)	PLAN FOR REBUILD	No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)	PLAN FOR REBUILD
113	CHRYSLER CENTRE & GATE 2	1996	2016	24	-4		170	WALKER & VIMY	1999	2019	21	-1	
114	DIVISION & SYDNEY	1996	2016	24	-4		171	CAMPBELL & COLLEGE	2000	2020	20	0	
115	GOYEAU & PARK	1996	2016	24	-4		172	COLLEGE & WELLINGTON	2000	2020	20	0	
116	HIRAM WALKERS & RIVERSIDE	1996	2016	24	-4		173	DOUGALL & ROSELAND	2000	2020	20	0	
117	JEFFERSON & RAYMOND	1996	2016	24	-4		174	DROUILLARD & MILLOY	2000	2020	20	0	
118	MCDUGALL & HOWARD	1996	2016	24	-4		175	FORD GATE & SEMINOLE	2000	2020	20	0	
119	MCKAY & UNIVERSITY	1996	2016	24	-4	University EA	176	OUELLETTE & PITT	2000	2020	20	0	
120	MONTREUIL & RIVERSIDE	1996	2016	24	-4		177	PARENT & RIVERSIDE	2000	2020	20	0	
121	PARK & VICTORIA	1996	2016	24	-4		178	WALKER & YPRES	2000	2020	20	0	
122	ST. LOUIS & WYANDOTTE	1996	2016	24	-4		179	CAMPBELL & UNIVERSITY	2001	2021	19	1	University EA
123	CHATHAM & GLENGARRY	1997	2017	23	-3		180	JEFFERSON & QUALITY WAY	2001	2021	19	1	
124	CURRY & WYANDOTTE	1997	2017	23	-3		181	LAUZON & TRANBY	2001	2021	19	1	
125	DOMINION & LABELLE	1997	2017	23	-3		182	LAUZON PKWY & CATHERINE	2001	2021	19	1	
126	EUGENIE & HOWARD	1997	2017	23	-3		183	LAUZON PKWY & LAUZON LINE	2001	2021	19	1	
127	FLORENCE & RIVERSIDE	1997	2017	23	-3		184	LAUZON PKWY & TRANBY	2001	2021	19	1	
128	GLENGARRY & UNIVERSITY	1997	2017	23	-3		185	MATCHETTE & PRINCE	2001	2021	19	1	
129	HOWARD & COUNTRY CLUB/LAKE TRAIL	1997	2017	23	-3	2028 With Engineering	186	PILLETTE & PLYMOUTH	2001	2021	19	1	
130	HOWARD & TECUMSEH	1997	2017	23	-3		187	PILLETTE & TECUMSEH	2001	2021	19	1	
131	PILLETTE & RIVERSIDE	1997	2017	23	-3		188	SCULPTURE GARDEN & RIVERSIDE	2001	2021	19	1	
132	RIVERSIDE & WALKER	1997	2017	23	-3		189	CURRY & GRAND MARAIS	2002	2022	18	2	
133	THOMPSON & WYANDOTTE	1997	2017	23	-3		190	DIVISION & WALKER	2002	2022	18	2	
134	AYLMER & CHATHAM	1998	2018	22	-2		191	DROUILLARD & TECUMSEH	2002	2022	18	2	
135	AYLMER & UNIVERSITY	1998	2018	22	-2		192	FERRY & RIVERSIDE	2002	2022	18	2	
136	CABANA & DOMINION	1998	2018	22	-2		193	McDOUGALL & TECUMSEH	2002	2022	18	2	
137	CABANA & DOUGALL	1998	2018	22	-2	2021 with Engineering	194	OUELLETTE & RIVERSIDE	2002	2022	18	2	
138	CABANA & GLENWOOD	1998	2018	22	-2	2022 With Engineering	195	RAYMO & WYANDOTTE	2002	2022	18	2	
139	CENTRAL & DEZIEL	1998	2018	22	-2		196	SEMINOLE & SNAKE LANE	2002	2022	18	2	
140	CENTRAL & YPRES	1998	2018	22	-2		197	WALKER & CALDERWOOD	2002	2022	18	2	
141	CRAWFORD & COLLEGE	1998	2018	22	-2		198	BANWELL & TECUMSEH	2003	2023	17	3	
142	E.C. ROW (N) & HOWARD	1998	2018	22	-2		199	TECUMSEH & WALKER	2003	2023	17	3	
143	E.C. ROW (S) & HOWARD	1998	2018	22	-2		200	WALKER & CANADA POST	2003	2023	17	3	
144	FLORA & RIVERSIDE	1998	2018	22	-2		201	CHRYSLER CTR. & GATE 3	2004	2024	16	4	
145	HOWARD & LOGAN	1998	2018	22	-2		202	DOUGALL PKWY & SIXTH CONC	2004	2024	16	4	
146	JEFFERSON & QUEEN ELIZABETH	1998	2018	22	-2		203	FOSTER & WALKER	2004	2024	16	4	
147	LAUZON PKWY & TWIN OAKS	1998	2018	22	-2		204	MONMOUTH & OTTAWA	2004	2024	16	4	
148	MCDUGALL & CITY HALL SQUARE S.	1998	2018	22	-2		205	WALKER & COCO PLAZA	2004	2024	16	4	
149	MCDUGALL & RIVERSIDE	1998	2018	22	-2		206	BANWELL & WILDWOOD	2005	2025	15	5	
150	MCDUGALL & UNIVERSITY	1998	2018	22	-2		207	CABANA & HOWARD	2005	2025	15	5	
151	McDOUGALL & WYANDOTTE	1998	2018	22	-2		208	CENTRAL & GRAND MARAIS	2005	2025	15	5	
152	PARENT & ELLIS	1998	2018	22	-2	2023 with Contracts	209	CHRYSLER CENTRE & GRAND MARAIS	2005	2025	15	5	
153	PROVINCIAL & SIXTH CONC.	1998	2018	22	-2	2021 with Engineering	210	CHRYSLER CTR. & GATE 1	2005	2025	15	5	
154	RIVERSIDE & STRABANE	1998	2018	22	-2		211	GRAND MARAIS & GATE #8	2005	2025	15	5	
155	ST.ROSE & WYANDOTTE	1998	2018	22	-2		212	HOWARD & SHEPHERD	2005	2025	15	5	
156	TECUMSEH & LOEB IGA	1998	2018	22	-2		213	JEFFERSON & TECUMSEH	2005	2025	15	5	
157	VICTORIA & YMCA	1998	2018	22	-2		214	TECUMSEH & CLOVER	2005	2025	15	5	
158	ANNIE & TECUMSEH	1999	2019	21	-1		215	BANWELL & MCHUGH/MCNORTON	2006	2026	14	6	2021 with Engineering
159	CRAWFORD & TECUMSEH	1999	2019	21	-1	TBD with Engineering	216	GILES & HOWARD	2006	2026	14	6	
160	CURRY/SOUTH CAMERON & TECUMSEH	1999	2019	21	-1		217	HOWARD & OTTAWA	2006	2026	14	6	
161	DIVISION & MARENTETTE	1999	2019	21	-1		218	LAUZON & LITTLE RIVER	2006	2026	14	6	
162	EASTOWN CTR & TECUMSEH	1999	2019	21	-1		219	LAUZON & McHUGH	2006	2026	14	6	
163	HURON CHURCH & RIVERSIDE	1999	2019	21	-1	Review done 2020, added 10 years	220	MILL & WYANDOTTE	2006	2026	14	6	
164	LAUZON & TECUMSEH	1999	2019	21	-1		221	OJIBWAY & SPRUCEWOOD	2006	2026	14	6	2022 AMP Funding
165	LAUZON & THE MALL	1999	2019	21	-1		222	CHATHAM & OUELLETTE	2007	2027	13	7	
166	LAUZON PKWY & TECUMSEH	1999	2019	21	-1		223	DROUILLARD & WYANDOTTE	2007	2027	13	7	
167	LINCOLN & RIVERSIDE	1999	2019	21	-1		224	TECUMSEH & AUTO MALL	2007	2027	13	7	
168	OJIBWAY & WEAVER	1999	2019	21	-1	2022 AMP Funding	225	CHATHAM & MCDUGALL	2008	2028	12	8	
169	WALKER & ST.JULIEN	1999	2019	21	-1		226	DIVISION AND HOME DEPOT	2008	2028	12	8	
227	ERIE & HOWARD	2008	2028	12	8		260	CABANA & PROVINCIAL	2012	2030	8	12	

Project Attachment  
For: 2021

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)	PLAN FOR REBUILD	No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)	PLAN FOR REBUILD
228	GRAND MARAIS & WALKER	2008	2028	12	8		261	DOMINION & TOTTEN	2012	2032	8	12	
229	LAUZON & LAUZON LINE	2008	2028	12	8		262	E.C. ROW (N) & WALKER	2012	2032	8	12	
230	LAUZON & WYANDOTTE	2008	2028	12	8		263	E.C. ROW (S) & WALKER	2012	2032	8	12	
231	MCDUGALL & PITT	2008	2028	12	8		264	RANDOLPH & WYANDOTTE	2012	2032	8	12	
232	MCHUGH & WFCU EAST ENTRANCE	2008	2028	12	8		265	RIVERSIDE & RIVERDALE	2012	2032	8	12	
233	MCHUGH & WFCU WEST ENTRANCE	2008	2028	12	8		266	RIVERSIDE & SOLIDARTITY TOWERS	2012	2032	8	12	
234	OUELLETTE & UNIVERSITY	2008	2028	12	8		267	CALIFORNIA & WYANDOTTE	2013	2032	7	13	
235	WYANDOTTE & RIVERDALE	2008	2028	12	8		268	CAMPBELL & WYANDOTTE	2013	2033	7	13	
236	CLOVER & MCHUGH	2009	2028	11	9		269	GLADSTONE & OTTAWA	2013	2033	7	13	
237	DARFIELD & MCHUGH	2009	2029	11	9		270	HALL & OTTAWA	2013	2033	7	13	
238	HOWARD & NORTH TALBOT	2009	2029	11	9		271	LINCOLN & OTTAWA	2013	2033	7	13	
239	MAIDEN LANE & OUELLETTE	2009	2029	11	9		272	SYDNEY & WALKER	2013	2033	7	13	
240	PROVINCIAL & LOWE'S	2009	2029	11	9		273	WALKER & AIRPORT	2013	2033	7	13	
241	WALKER & DIGBY	2009	2029	11	9		274	CALIFORNIA & UNIVERSITY	2014	2033	6	14	University EA
242	WALKER & PARKDALE	2009	2029	11	9		275	DEVONSHIRE & WYANDOTTE	2014	2034	6	14	
243	CRAWFORD & RIVERSIDE	2010	2029	10	10		276	GLADSTONE & WYANDOTTE	2014	2034	6	14	
244	DOUGALL & E.C. ROW (N)	2010	2030	10	10		277	LINCOLN & WYANDOTTE	2014	2034	6	14	
245	DOUGALL & E.C. ROW (S)	2010	2030	10	10		278	GOYEAU & HOTEL DIEU CROSSING	2015	2034	5	15	
246	DUCHARME & WALKER	2010	2030	10	10		279	GILES & OUELLETTE	2017	2035	3	17	
247	EASTPARK & TECUMSEH	2010	2030	10	10		280	JEFFERSON & WYANDOTTE	2017	2037	3	17	
248	HOWARD & MEMORIAL	2010	2030	10	10		281	OUELLETTE & WYANDOTTE	2017	2037	3	17	
249	MONMOUTH & WYANDOTTE	2010	2030	10	10		282	CABANA & HOLBURN	2017	2037	3	17	
250	OUELLETTE & PARK	2010	2030	10	10		283	DIVISION & UNION SQUARE PLAZA	2018	2037	2	18	
251	OUELLETTE & TECUMSEH	2010	2030	10	10		284	LAUZON & RIVERSIDE	2018	2038	2	18	
252	PARK & PELISSIER	2010	2030	10	10		285	ELLIOTT & OUELLETTE	2018	2038	2	18	
253	PELISSIER & UNIVERSITY	2010	2030	10	10		286	HURON CHURCH & TOTTEN	2019	2039	1	19	
254	PROVINCIAL & WALKER	2010	2030	10	10		287	HURON CHURCH & MALDEN	2019	2039	1	19	
255	ROSEVILLE & TECUMSEH	2010	2030	10	10		288	DORCHESTER & HURON CHURCH	2019	2039	1	19	
256	TECUMSEH & HOME DEPOT	2010	2030	10	10		289	DOUGALL AVE & OUELLETTE PL	2019	2039	1	19	
257	WALKER & HOME DEPOT	2010	2030	10	10		290	RIVERSIDE DRIVE & DEVONSHIRE	2020	2040	0	20	Completed 2020
258	WALKER & SEVENTH CONCESSION	2010	2030	10	10		291	DOMINION & NORTHWOOD	2020	2040	0	20	Completed 2020
259	WALKER & WYANDOTTE	2010	2030	10	10								



## Project Version Summary

<b>Project #</b>	OPS-010-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Public Works
<b>Asset Type</b>	Unassigned	<b>Division</b>	Traffic Operations
<b>Title</b>	Advanced Traffic Management System (ATMS) - System Maintenance		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></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><b>Version Description</b></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><b>Project Comments/Reference</b></p> <p>7003326</p>	<p><b>Version Comments</b></p> <p>COMMITMENT: B30/2019 - C 53/2019 - 2021 F221 \$68,000</p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	488,000	488,000	0	5410	Construction Contracts - TCA										
2022	420,000	420,000	0		488,000	420,000	234,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	3,942,000
2023	234,000	234,000	0		Total	488,000	420,000	234,000	400,000	400,000	400,000	400,000	400,000	400,000	3,942,000
2024	400,000	400,000	0	Revenues											
2025	400,000	400,000	0	176	Federal Gas Tax Rebate										
2026	400,000	400,000	0		0	0	0	0	0	0	0	0	0	0	0
2027	400,000	400,000	0	221	Service Sustainability Investm										
2028	400,000	400,000	0		420,000	420,000	234,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	3,874,000
2029	400,000	400,000	0	221CF	Committed Funding										
2030	400,000	400,000	0		68,000	0	0	0	0	0	0	0	0	0	68,000
	<b>3,942,000</b>	<b>3,942,000</b>	<b>0</b>		Total	488,000	420,000	234,000	400,000	400,000	400,000	400,000	400,000	400,000	3,942,000
Historical Approved Budget															
		Revenue													
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												
2020	952,000	952,000	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 costs for temporary repairs and maintenance.							0	0		
Year Identified	Start Date	Project Type for 2021		Project Lead					Est. Completion Date						
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Shawna Boakes / Ian Day					Ongoing`						



# Project Version Summary

<b>Project #</b>	TRN-001-20	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Transit Windsor
<b>Title</b>	ICIP-Customer Stop Amenities		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	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 in line with the recommendations contained in the Transit Windsor Master Plan. The total project cost is estimated to be \$2,500,000. With the ICIP funding for this project, the City will be required to contribute \$666,750 in matching funds.</p> <p>This project has been approved for grant funding from phase 1 of the Investing in Canada Infrastructure Program (ICIP).</p>																
Project Comments/Reference				Version Comments												
7202003				COMMITMENT: CR248/2019 - C 79/2019 ICIP Public Transit Grant (ICIP-WIN-007) - 2021 F169 \$666,750.												
Project Forecast				Project Detailed Forecast												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
Year	Total Expense	Net City Cost	Subsidies	<b>Expenses</b>												
2021	666,750	666,750	0	5410	Construction Contracts - TCA											
2022	0	0	0		666,750	0	0	0	0	0	0	0	0	0	666,750	
2023	0	0	0	Total		666,750	0	0	0	0	0	0	0	0	666,750	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
2027	0	0	0	169CF	Committed Funding											
2028	0	0	0		666,750	0	0	0	0	0	0	0	0	0	666,750	
2029	0	0	0	6310	Ontario Specific Grants											
2030	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
<b>666,750</b>		<b>666,750</b>	<b>0</b>	6320	Canada Specific Grants											
					0	0	0	0	0	0	0	0	0	0	0	
				Total		666,750	0	0	0	0	0	0	0	0	666,750	
Historical Approved Budget																
		Revenue														
Year	Total Expense	Net City Cost	Subsidies													
2020	1,833,250	0	1,833,250													

Related Projects		Operating Budget Impact		
<b>Precedes</b> TRN-001-07	<b>Project Title</b> Transit Windsor Fleet Replacement Program			
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2020		Growth: 100.0 % Maintenance: 0.0 %	Steve Habrun	



# Project Version Summary

<b>Project #</b>	TRN-002-20	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Transit Windsor
<b>Title</b>	ICIP-TW Master Plan Implementation- Phase 1		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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 was presented to City Council and approved in early 2020.</p> <p>The comprehensive service review recommended 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 has been approved for funding under the Investing in Canada Infrastructure Program (ICIP) to undertake the transition of its service and assets. This approved funding represents Phase I of the transition plan.</p> <p>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. 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.</p> <p>This project has been approved for grant funding from phase 1 of the Investing in Canada Infrastructure Program (ICIP).</p>	
Project Comments/Reference	Version Comments
7203002	COMMITMENT: CR248/2019 - C 79/2019 - ICIP Public Transit Grant (ICIP-WIN-09) - 2021 F169 \$272,496 - 2022 F169 \$802,820

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	272,496	272,496	0	5410	Construction Contracts - TCA										
2022	802,820	802,820	0		272,496	802,820	0	0	0	0	0	0	0	0	1,075,316
2023	0	0	0	Total	272,496	802,820	0	0	0	0	0	0	0	0	1,075,316
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	0	0	0
2027	0	0	0	169CF	Committed Funding										
2028	0	0	0		272,496	802,820	0	0	0	0	0	0	0	0	1,075,316
2029	0	0	0	6310	Ontario Specific Grants										
2030	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	<b>1,075,316</b>	<b>1,075,316</b>	<b>0</b>	6320	Canada Specific Grants										
					0	0	0	0	0	0	0	0	0	0	0
				Total	272,496	802,820	0	0	0	0	0	0	0	0	1,075,316
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2020	2,801,121	0	2,801,121	Operating Budget Impact											
Related Projects															
Precedes	Project Title														
TRN-001-07	Transit Windsor Fleet Replacement Program														
Year Identified	Start Date	Project Type for 2021		Project Lead				Est. Completion Date							
2020		Growth: 100.0 % Maintenance: 0.0 %		Tyson Cragg				2023`							



## Project Version Summary

<b>Project #</b>	TRN-003-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Transit Windsor
<b>Title</b>	Transit Windsor - Shelters/Signage/Amenities Maintenance and Replacement		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<table border="1"> <tr> <th>Project Description</th> </tr> <tr> <td>In order to properly maintain and replace bus shelters, signage and other customer amenities which require maintenance due to wear and tear as well as damage, capital funding is required annually. Transit shelters also require new batteries after approximately 6 years. This project will assist in providing necessary funding to purchase and install these replacement batteries as necessary.</td> </tr> </table>	Project Description	In order to properly maintain and replace bus shelters, signage and other customer amenities which require maintenance due to wear and tear as well as damage, capital funding is required annually. Transit shelters also require new batteries after approximately 6 years. This project will assist in providing necessary funding to purchase and install these replacement batteries as necessary.	<table border="1"> <tr> <th>Version Description</th> </tr> <tr> <td>This project provides ongoing funding for maintenance and replacement needs for shelters, signage and other customer amenities.</td> </tr> </table>	Version Description	This project provides ongoing funding for maintenance and replacement needs for shelters, signage and other customer amenities.
Project Description					
In order to properly maintain and replace bus shelters, signage and other customer amenities which require maintenance due to wear and tear as well as damage, capital funding is required annually. Transit shelters also require new batteries after approximately 6 years. This project will assist in providing necessary funding to purchase and install these replacement batteries as necessary.					
Version Description					
This project provides ongoing funding for maintenance and replacement needs for shelters, signage and other customer amenities.					
<table border="1"> <tr> <th>Project Comments/Reference</th> </tr> <tr> <td>7045018</td> </tr> </table>	Project Comments/Reference	7045018	<table border="1"> <tr> <th>Version Comments</th> </tr> <tr> <td></td> </tr> </table>	Version Comments	
Project Comments/Reference					
7045018					
Version Comments					

Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	50,000	50,000	0	Expenses												
2022	51,000	51,000	0	5110	Machinery & Equipment - TCA											
2023	52,000	52,000	0		50,000	51,000	52,000	53,000	54,100	55,200	56,300	77,400	58,500	59,700	567,200	
2024	53,000	53,000	0		Total	50,000	51,000	52,000	53,000	54,100	55,200	56,300	77,400	58,500	59,700	567,200
2025	54,100	54,100	0	Revenues												
2026	55,200	55,200	0	127	Dev Chg - Transit											
2027	56,300	56,300	0		50,000	51,000	52,000	53,000	54,100	55,200	56,300	77,400	58,500	59,700	567,200	
2028	77,400	77,400	0		Total	50,000	51,000	52,000	53,000	54,100	55,200	56,300	77,400	58,500	59,700	567,200
2029	58,500	58,500	0													
2030	59,700	59,700	0													
	<b>567,200</b>	<b>567,200</b>	<b>0</b>													
Historical Approved Budget																
Year	Total Expense	Revenue														
		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 2021	Project Lead	Effective Date	Description	Exp/(Rev)	FTE Impact									
2007	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %	Steve Habrun	Unknown	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	0	0									



## Project Version Summary

<b>Project #</b>	TRN-003-20	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Transit Windsor
<b>Title</b>	ICIP-Fleet Purchases		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	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 costs 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 (2017, 2018 and 2019). Under the Investing in Canada Infrastructure Program (ICIP), Transit Windsor ordered an additional 8 buses for 2020 and 2021 and 3 buses for expansion to continue the replacement program. By leveraging the ICIP-Public Transit grant Transit Windsor was able to maximize the funding identified for fleet replacement. This reduced the municipal portion required to sustain the replacement strategy. As a result, it also allowed Transit the opportunity to purchase 3 additional buses to address the increased ridership demands 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, the City will be required to provide \$3,930,063 for matching funds and ineligible costs.

This project has been approved for funding from phase 1 of the Investing in Canada Infrastructure Program (ICIP).

### Project Comments/Reference

7202004

### Version Description

Purchase of buses which were all delivered to Transit Windsor during 2020  
 8 replacement buses for 2020  
 3 new expansion buses  
 8 replacement buses for 2021

### Version Comments

COMMITMENT:  
 CR248/2019 -C 79/2019 - ICIP Public Transit Grant (ICIP-WIN-06) - 2020 F169 \$2,013,386 - 2021 F169 \$1,916,677

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	6,324,521	1,916,677	4,407,844	5110	Machinery & Equipment - TCA										
2022	0	0	0		6,324,521	0	0	0	0	0	0	0	0	0	6,324,521
2023	0	0	0		Total 6,324,521	0	0	0	0	0	0	0	0	0	6,324,521
2024	0	0	0		1										
2025	0	0	0	Revenues											
2026	0	0	0	169	Pay As You Go - Capital Reserve										
2027	0	0	0		0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	169CF	Committed Funding										
2029	0	0	0		1,916,677	0	0	0	0	0	0	0	0	0	1,916,677
2030	0	0	0	6310	Ontario Specific Grants										
	<b>6,324,521</b>	<b>1,916,677</b>	<b>4,407,844</b>		2,003,456	0	0	0	0	0	0	0	0	0	2,003,456
				6320	Canada Specific Grants										
					2,404,388	0	0	0	0	0	0	0	0	0	2,404,388
					Total 6,324,521	0	0	0	0	0	0	0	0	0	6,324,521
					1										
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2020	7,843,069	2,013,386	5,829,683	Operating Budget Impact											
Related Projects															
Precedes	Project Title														
TRN-001-07	Transit Windsor Fleet Replacement Program														
Year Identified	Start Date	Project Type for 2021		Project Lead				Est. Completion Date							
2020		Growth: 100.0 % Maintenance: 0.0 %		Tyson Cragg				2021`							



# Project Version Summary

<b>Project #</b>	TRN-001-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Maintenance
<b>Title</b>	Transit Windsor Fleet Replacement Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>Transit Windsor's 2015-2035 Fleet Acquisition Plan directed that for the purchasing and disposal of buses, the previously used 18-year life cycle for a bus be reduced to 12 years, thereby reducing maintenance requirements and the need for additional spare vehicles. This project submission will ensure that Transit Windsor is fully implementing a 12-year lifecycle of its fleet as recommended in the Life Cycle Costing recommendations and will be an opportunity to improve the current Transit Windsor fleet.</p> <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).</p> <p>This project includes funding for the annual acquisition of replacement buses for Transit Windsor. With such a large and varying fleet of buses and with continual fiscal pressures, the City of Windsor commissioned a full lifecycle costing study in 2015 which was conducted by Parsons Brinckerhoff. This study developed 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>Through the fleet replacement program, 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 7.34 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 this demographic makes up a significant part of the Windsor population.</p> <p>The City of Windsor budgets for its capital programs using an eight year plan. 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.</p> <p>This project includes funding requests to replace the transit fleet before taking into account growth buses which are required for the implementation of the Transit Windsor Master Plan. Funding for the additional fleet required to implement the Master Plan are included in TRN 001-21 which is highly reliant on the Investing in Canada Infrastructure Program (ICIP) grant funding. Year 2027 includes funding requests for the annual 8 replacement buses, however also includes high level estimates for growth buses for the new hospital. Although this funding request is included in this project and is based on potential new routes, it is recommended by Administration that Transit Windsor be involved in the budget development for the hospital and that costs associated with providing service to the new location be accounted for within the hospital's development budget.</p> <p>Based on estimated costs for 8 replacement buses annually, this project does not provide sufficient funding in order to meet the recommended 8 replacement buses annually. In order to fully fund this project, Transit is heavily relying on the ICIP grant funding which would provide 73.33% funding on eligible expenditures which would include new fleet, therefore minimizing the municipal contribution required to fund this project. All municipal funding remaining after leveraging the ICIP grant funding would be disbursed to other Transit capital projects which are currently in need of additional funding and also are reliant on the ICIP funding in order to fund future projects, mainly the Transit Master Plan.</p>
Project Comments/Reference	Version Comments
<p>7191031 / 7201014 (CLOSED: 7003812, 7109002, 7111029, 7131003, 7151007, 7121003, 7141015, 7171044, 7151006)</p>	

Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	0	0	0	<b>Expenses</b>												
2022	3,997,180	3,997,180	0	5110	Machinery & Equipment - TCA											
2023	4,800,000	4,800,000	0		0	3,997,180	4,800,000	5,701,947	2,192,375	3,952,638	6,458,059	4,200,000	4,200,000	4,200,000	39,702,199	
2024	5,701,947	5,701,947	0		Total	0	3,997,180	4,800,000	5,701,947	2,192,375	3,952,638	6,458,059	4,200,000	4,200,000	4,200,000	39,702,199
2025	2,192,375	2,192,375	0	<b>Revenues</b>												
2026	3,952,638	3,952,638	0	169	Pay As You Go - Capital Reserve											
2027	6,458,059	6,458,059	0		0	0	0	0	0	0	0	0	0	0	0	
2028	4,200,000	4,200,000	0	221	Service Sustainability Investm											
2029	4,200,000	4,200,000	0		0	3,997,180	4,800,000	5,701,947	2,192,375	3,952,638	6,458,059	4,200,000	4,200,000	4,200,000	39,702,199	
2030	4,200,000	4,200,000	0		Total	0	3,997,180	4,800,000	5,701,947	2,192,375	3,952,638	6,458,059	4,200,000	4,200,000	4,200,000	39,702,199
	<b>39,702,199</b>	<b>39,702,199</b>	<b>0</b>													
Historical Approved Budget																
Year	Total Expense	Revenue														
		Net City Cost	Subsidies													
2008	5,898,500	4,818,500	1,080,000													
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													
2020	72,114	72,114	0													
Related Projects				Operating Budget Impact												
Follows	Project Title			Effective Date	Description							Exp/(Rev)	FTE Impact			
TRN-001-20	ICIP-Customer Stop Amenities			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			
TRN-002-20	ICIP-TW Master Plan Implementation- Phase 1															
TRN-003-20	ICIP-Fleet Purchases															
Year Identified	Start Date	Project Type for 2021		Project Lead				Est. Completion Date								
2007	January 2, 2016	Growth: 0.0 % Maintenance: 0.0 %		Tony Houad				Ongoing`								



## Project Version Summary

<b>Project #</b>	TRN-001-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Maintenance
<b>Title</b>	Transit Windsor Fleet Refurbishment/Repair Costs		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Fleet Refurbishment/Repair Costs (Active)		

<p><b>Project Description</b></p> <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>	<p><b>Version Description</b></p> <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 2023 and onward will have an impact 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 2020. 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 impact 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>
<p><b>Project Comments/Reference</b></p> <p>(Closed: 7151007/7171034/ 7161041/ 7181018, 7191017) Open: 7201015/ 7211035</p>	<p><b>Version Comments</b></p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	500,000	500,000	0	2250	Vehicle Maint Parts/Materials										
2022	500,000	500,000	0		500,000	500,000	300,000	300,000	300,000	300,000	300,000	400,000	400,000	400,000	3,700,000
2023	300,000	300,000	0		Total	500,000	500,000	300,000	300,000	300,000	300,000	400,000	400,000	400,000	3,700,000
2024	300,000	300,000	0	Revenues											
2025	300,000	300,000	0	221	Service Sustainability Investm										
2026	300,000	300,000	0		500,000	500,000	300,000	300,000	300,000	300,000	300,000	400,000	400,000	400,000	3,700,000
2027	300,000	300,000	0		Total	500,000	500,000	300,000	300,000	300,000	300,000	400,000	400,000	400,000	3,700,000
2028	400,000	400,000	0												
2029	400,000	400,000	0												
2030	400,000	400,000	0												
	<b>3,700,000</b>	<b>3,700,000</b>	<b>0</b>												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2016	471,000	471,000	0												
2017	500,000	500,000	0												
2018	500,000	500,000	0												
2019	500,000	500,000	0												
2020	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 2021	Project Lead	Est. Completion Date											
2016	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %	Tony Houad	Ongoing`											



# Project Version Summary

<b>Project #</b>	TRN-001-21	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Maintenance
<b>Title</b>	2021 Transit Windsor Master Plan Implementation		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

### Project Description

During 2018 and 2019, Transit Windsor conducted a Service Delivery Review which was completed at the end of 2019 with the results presented to City Council as the Transit Windsor Master Plan in early 2020. This Master Plan was approved by City Council through B7/2020 CR40/2020. This capital project requests funding for a number of projects, such as a Automated Passenger Counters (APC's), Fare Collection Technology, Customer Amenities and Terminals, On Demand, New Growth Fleet, and a New Garage. All are projects outlined and recommended for implementation in the Master Plan over the upcoming eight (8) years.

This project is heavily reliant on grant funding eligible for Transit Windsor through the Investing in Canada Infrastructure Program (ICIP) which provides 73.33% funding for all eligible expenses. Without this grant funding, these projects would be required to be funded 100% through Municipal funding.

The total funding implication of this Transit Windsor Master Plan is estimated to be approximately \$110 million. The funding allocated in this project provides a component of the necessary funding in order to implement the projects to move the Master Plan forward. After taking into consideration the ICIP funding grant, this project does not have sufficient funding in order to fund the entire plan as outlines in the Master Plan Implementation.

The funds in this project will be leveraged along with the ICIP grant funding in order to maximize the implementation and funding of the Master Plan.

### Project Comments/Reference

### Version Description

Transit Windsor completed a service delivery review in 2018 which was brought to City Council as the Transit Windsor Master Plan on January 27, 2020. This plan was approved with B7/2020 CR40/2020 and recommended that Transit Windsor service enhancements be implemented over the next eight (8) years. These enhancements provide more frequent service to a greater area throughout the Windsor region through a more effective and efficient route plan, maximizing rider service needs.

This project includes a component of funding for projects included in the Master Plan Implementation. The total cost of the plan is expected to be approximately \$110 million. This project currently does not have sufficient funds in order to fund the entire plan. The funds in this project will be leveraged along with the Investing in Canada Infrastructure Program (ICIP) grant funding in order to maximize the implementation and funding of the Master Plan. Administration is highly reliant on receiving the ICIP grant funding which provides funding of 73.33% for all eligible expenditures. Without this grant funding, these projects would be required to be funded 100% through Municipal funding. After leveraging the ICIP funding anticipated to become available, this project would still require additional funding in order to implement the entire plan as outlined below.

The current funds provided in this capital project, however not sufficient to fund the entire Master Plan, will be used as a component of the municipal contribution toward grant funding as details of the specific projects are identified and approved. As Transit moves forward with the Master Plan implementation, and additional information on ICIP project submissions becomes available, Transit will assess any additional funding needs and work with administration to fund the necessary projects.

- The full scope of the Master Plan and associated estimated costs includes:
- New Garage \$53,000,000
  - New Fleet Purchase Master Plan \$24,000,000
  - New Terminals and Customer Amenities \$19,340,000
  - On- Demand \$700,000
  - Fare Collection Technology \$1,670,000
  - Automated Passenger Counters \$340,000
  - Customer Amenities and Terminals \$10,660,000
  - Total Funding Required \$109,710,000

Note: A garage feasibility study is currently underway to determine the best next steps for increasing capacity for Transit's garage. This study will assist with determining the best option as well as funding needs. At this time, this project is being presented with best estimates for funding needs for the garage.

The costs quoted above are best estimates that were made at the time of the Service Delivery Review. Transit Windsor will report back to Council with updates to the cost estimates as the projects progress.

The operating budget issue #2021-0070 is linked to this project and is related to the implementation of the Master Plan. Without approval of this issue, some projects would not be able to move forward. It is important to note that by approving this Master Plan project, additional operating impacts will therefore be brought forward through the operating budget process annually as operating funding is a significant component of the implementation plan.

### Version Comments

Project Forecast				Project Detailed Forecast											
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
		Net City Cost	Subsidies												
2021	0	0	0	<b>Expenses</b>											
2022	759,744	759,744	0	5110	Machinery & Equipment - TCA										
2023	583,204	583,204	0		0	759,744	583,204	0	0	400,000	0	0	0	0	1,742,948
2024	0	0	0		Total										
2025	0	0	0	<b>Revenues</b>											
2026	400,000	400,000	0	169	Pay As You Go - Capital Reserve										
2027	0	0	0		0	759,744	583,204	0	0	0	0	0	0	0	1,342,948
2028	0	0	0	221	Service Sustainability Investm										
2029	0	0	0		0	0	0	0	0	400,000	0	0	0	0	400,000
2030	0	0	0		Total										
	<b>1,742,948</b>	<b>1,742,948</b>	<b>0</b>												
<b>Historical Approved Budget</b>															
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	The operating budget issue #2021-0070 is linked to this project and is related to the implementation of the Master Plan. Without approval of this issue, some projects would not be able to move forward. It is important to note that by approving this Master Plan project, additional operating impacts will therefore be brought forward through the operating budget process annually as operating funding is a significant component of the implementation plan. Overall, the Transit operating budget net impact over the next eight (8) years is anticipated to require an increase of approximately \$13,800,000. This is a high level estimate and Transit will review the plan annually and bring forward appropriate funding needs.								0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2021	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Tyson Cragg				2027							



Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2008	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %	Tony Houad	Ongoing`



# Project Version Summary

<b>Project #</b>	TRN-007-21	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Maintenance
<b>Title</b>	Support Vehicles		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Transit Windsor's fleet includes a number of support and service vehicles which require replacement as their useful life comes to an end. This project provides funding to replace these vehicles and purchase additional vehicles as necessary. As service increases per the council approved Master Plan, addition support and service vehicles will be required in order to maintain necessary support for the increased service enhancements.				Transit Windsor completed a service delivery review in 2018 which was brought to City Council as the Transit Windsor Master Plan in January 27, 2020. This plan was approved with B7/2020 CR40/2020 and recommended that Transit Windsor service enhancements be implemented over the next eight (8) years. These enhancements provide more frequent service to a greater area throughout the Windsor region through a more effective and efficient route plan, maximizing rider service needs. This project includes funding for growth support vehicles which will be required as Transit increases service hours through the Master Plan implementation.  Funding for replacement of Transit Windsor's current support vehicles is also included in the requested funding of this project.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7201014																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	154,577	154,577	0	5110	Machinery & Equipment - TCA											
2022	0	0	0		154,577	0	0	0	0	0	0	103,382	105,449	107,558	470,966	
2023	0	0	0		Total	154,577	0	0	0	0	0	103,382	105,449	107,558	470,966	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		0	0	0	0	0	0	0	103,382	105,449	107,558	316,389	
2027	0	0	0	221	Service Sustainability Investm											
2028	103,382	103,382	0		154,577	0	0	0	0	0	0	0	0	0	154,577	
2029	105,449	105,449	0		Total	154,577	0	0	0	0	0	103,382	105,449	107,558	470,966	
2030	107,558	107,558	0													
	<b>470,966</b>	<b>470,966</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>									<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	Additional maintenance will come with additional service vehicles. Minor fuel increase may also occur as these will be additional vehicles on the road.									0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2021	January 1, 2021	Growth: 0.0 % Maintenance: 100.0 %		Tony Houad					2027							





# Project Version Summary

<b>Project #</b>	TRN-009-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2021	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Planning
<b>Title</b>	Restoration of Multiple Transit Windsor Pedestrian Shelters		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				This project is complete and the request for funding has been submitted. This project remains open due to pre-committed funds for 2021.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7171043				COMMITMENT: CR625/2016 - C 187/2017 PTIF - 2021 F127 \$20,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>	5410	Construction Contracts - TCA											
2021	20,000	20,000	0		20,000	0	0	0	0	0	0	0	0	0	20,000	
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													
2029	0	0	0													
2030	0	0	0													
	<b>20,000</b>	<b>20,000</b>	<b>0</b>		<b>Total</b>	<b>20,000</b>	<b>0</b>	<b>20,000</b>								
				<b>Revenues</b>												
				127	Dev Chg - Transit											
					0	0	0	0	0	0	0	0	0	0	0	
				127CF	Committed Funding											
					20,000	0	0	0	0	0	0	0	0	0	20,000	
					<b>Total</b>	<b>20,000</b>	<b>0</b>	<b>20,000</b>								
<b>Historical Approved Budget</b>																
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>													
2017	520,000	20,000	500,000													
2018	20,000	20,000	0													
2019	120,000	120,000	0													
2020	320,000	320,000	0													

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2017	January 1, 2017	Growth: 100.0 % Maintenance: 0.0 %	Steve Habrun	2021`	0	0
			<b>Effective Date</b> <b>Description</b> 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.			

# **2021 Approved Capital Budget**



## **SECTION D:**

### **Capital Project Summaries**

**Office of the City Solicitor**



# Project Version Summary

<b>Project #</b>	FRS-001-19	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Operations
<b>Title</b>	Water Rescue Equipment - Fire & Rescue Division		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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 implemented Water Rescue services in 2020 as a result of rising lake levels and yearly increase in rain induced flooding. The capabilities to assist and rescue vulnerable occupants requiring assistance from flooding is now in place. Further to flood response, WFRS is identifying procurement of necessary equipment to take the opportunity and expand the program to include the inland water and ice rescue. Most equipment for this program has a lifecycle of 10 years and will require replacement starting in 2030. This will ensure equipment is up to date with the technology advancements as well as the new Health and Safety requirements as they continually evolve.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
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																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>	<b>Expenses</b>												
		<b>Net City Cost</b>		5111	Machinery & Equipment -Non TCA											
2021	0	0	0		0	0	0	0	0	0	0	0	0	130,000	130,000	
2022	0	0	0		0	0	0	0	0	0	0	0	0	130,000	130,000	
2023	0	0	0	Total	0	0	0	0	0	0	0	0	0	130,000	130,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
2027	0	0	0	221	Service Sustainability Investm											
2028	0	0	0		0	0	0	0	0	0	0	0	0	130,000	130,000	
2029	0	0	0	Total	0	0	0	0	0	0	0	0	0	130,000	130,000	
2030	130,000	130,000	0													
	<b>130,000</b>	<b>130,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	<b>Subsidies</b>													
2020	130,000	130,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				2026-01-01	Certification training								1,000	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>								<b>Est. Completion Date</b>					

2019	March 1, 2030	Growth: 0.0 % Maintenance: 0.0 %	Marty Haidy/Deputy Fire Chief Jamie Waffle	2030`
------	---------------	----------------------------------	--	-------



# Project Version Summary

<b>Project #</b>	FRS-001-20	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Operations
<b>Title</b>	Technology Replacements - Emergency Operations Centre (EOC)		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>			
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
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.																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	5110	Machinery & Equipment - TCA	0	0	0	0	0	150,000	150,000	0	0	50,000	350,000
2022	0	0	0	<hr/>												
2023	0	0	0	Total		0	0	0	0	0	150,000	150,000	0	0	50,000	350,000
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	221	Service Sustainability Investm	0	0	0	0	0	150,000	150,000	0	0	50,000	350,000
2026	150,000	150,000	0	<hr/>												
2027	150,000	150,000	0	Total		0	0	0	0	0	150,000	150,000	0	0	50,000	350,000
2028	0	0	0													
2029	0	0	0													
2030	50,000	50,000	0													
	<b>350,000</b>	<b>350,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2020	December 31, 2025	Growth: 0.0 % Maintenance: 0.0 %		Emily Bertram/Fire Chief Stephen Laforet					2030`							



# Project Version Summary

<b>Project #</b>	FRS-002-19	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Operations
<b>Title</b>	Fire & Rescue - Forcible Entry Prop		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																																																																																																									
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.																																																																																																																																																																																																																																																																																																									
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																																																																																																									
				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.																																																																																																																																																																																																																																																																																																									
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																																																																																																									
				<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="3">Revenue</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th colspan="13"></th> </tr> </thead> <tbody> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="13"><b>Expenses</b></td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="13">5111 Machinery &amp; Equipment -Non TCA</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="13"> <table border="1"> <tr> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</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>0</td> <td>20,000</td> </tr> <tr> <td colspan="4">Total</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> </tr> </table> </td> </tr> <tr> <td>2024</td> <td>20,000</td> <td>20,000</td> <td>0</td> <td colspan="13"><b>Revenues</b></td> </tr> <tr> <td>2025</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="13">221 Service Sustainability Investm</td> </tr> <tr> <td>2026</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="13"> <table border="1"> <tr> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</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>0</td> <td>20,000</td> </tr> <tr> <td colspan="4">Total</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> </tr> </table> </td> </tr> <tr> <td>2027</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="13"></td> </tr> <tr> <td>2028</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="13"></td> </tr> <tr> <td>2029</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="13"></td> </tr> <tr> <td>2030</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="13"></td> </tr> <tr> <td colspan="2">20,000</td> <td>20,000</td> <td>0</td> <td colspan="13"></td> </tr> </tbody> </table>															Revenue			GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	Year	Total Expense	Net City Cost	Subsidies														2021	0	0	0	<b>Expenses</b>													2022	0	0	0	5111 Machinery & Equipment -Non TCA													2023	0	0	0	<table border="1"> <tr> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</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>0</td> <td>20,000</td> </tr> <tr> <td colspan="4">Total</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> </tr> </table>															0	0	0	20,000	0	0	0	0	0	0	0	0	0	20,000	Total				0	0	0	20,000	0	0	0	0	0	0	0	20,000	2024	20,000	20,000	0	<b>Revenues</b>													2025	0	0	0	221 Service Sustainability Investm													2026	0	0	0	<table border="1"> <tr> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</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>0</td> <td>20,000</td> </tr> <tr> <td colspan="4">Total</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> </tr> </table>															0	0	0	20,000	0	0	0	0	0	0	0	0	0	20,000	Total				0	0	0	20,000	0	0	0	0	0	0	0	20,000	2027	0	0	0														2028	0	0	0														2029	0	0	0														2030	0	0	0														20,000		20,000	0													
		Revenue			GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																																																																																													
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																																																																																																										
2021	0	0	0	<b>Expenses</b>																																																																																																																																																																																																																																																																																																									
2022	0	0	0	5111 Machinery & Equipment -Non TCA																																																																																																																																																																																																																																																																																																									
2023	0	0	0	<table border="1"> <tr> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</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>0</td> <td>20,000</td> </tr> <tr> <td colspan="4">Total</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> </tr> </table>															0	0	0	20,000	0	0	0	0	0	0	0	0	0	20,000	Total				0	0	0	20,000	0	0	0	0	0	0	0	20,000																																																																																																																																																																																																																																																													
		0	0	0	20,000	0	0	0	0	0	0	0	0	0	20,000																																																																																																																																																																																																																																																																																														
Total				0	0	0	20,000	0	0	0	0	0	0	0	20,000																																																																																																																																																																																																																																																																																														
2024	20,000	20,000	0	<b>Revenues</b>																																																																																																																																																																																																																																																																																																									
2025	0	0	0	221 Service Sustainability Investm																																																																																																																																																																																																																																																																																																									
2026	0	0	0	<table border="1"> <tr> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</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>0</td> <td>20,000</td> </tr> <tr> <td colspan="4">Total</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> </tr> </table>															0	0	0	20,000	0	0	0	0	0	0	0	0	0	20,000	Total				0	0	0	20,000	0	0	0	0	0	0	0	20,000																																																																																																																																																																																																																																																													
		0	0	0	20,000	0	0	0	0	0	0	0	0	0	20,000																																																																																																																																																																																																																																																																																														
Total				0	0	0	20,000	0	0	0	0	0	0	0	20,000																																																																																																																																																																																																																																																																																														
2027	0	0	0																																																																																																																																																																																																																																																																																																										
2028	0	0	0																																																																																																																																																																																																																																																																																																										
2029	0	0	0																																																																																																																																																																																																																																																																																																										
2030	0	0	0																																																																																																																																																																																																																																																																																																										
20,000		20,000	0																																																																																																																																																																																																																																																																																																										
<b>Historical Approved Budget</b>																																																																																																																																																																																																																																																																																																													
<b>Related Projects</b>				<b>Operating Budget Impact</b>																																																																																																																																																																																																																																																																																																									
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>																																																																																																																																																																																																																																																																																																				
2019	July 1, 2024	Growth: 0.0 % Maintenance: 0.0 %		Marty Haidy/Deputy Fire Chief Jamie Waffle					2024`																																																																																																																																																																																																																																																																																																				



# Project Version Summary

<b>Project #</b>	FRS-002-20	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Operations
<b>Title</b>	Command Post Vehicle - Bosch MIC Camera replacement		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>													
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.													
<b>Project Comments/Reference</b>				<b>Version Comments</b>													
NEW																	
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>													
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>		
		<b>Revenue</b>															
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>														
2021	0	0	0	<b>Expenses</b>													
2022	0	0	0	5110 Machinery & Equipment - TCA													
2023	0	0	0	0 0 0 0 0 60,000 0 0 0 0 0 60,000													
2024	0	0	0	Total 0 0 0 0 0 60,000 0 0 0 0 0 60,000													
2025	0	0	0	<b>Revenues</b>													
2026	60,000	60,000	0	163 Fire Major Equipment													
2027	0	0	0	0 0 0 0 0 30,000 0 0 0 0 0 30,000													
2028	0	0	0	183 Police Fleet													
2029	0	0	0	0 0 0 0 0 30,000 0 0 0 0 0 30,000													
2030	0	0	0	Total 0 0 0 0 0 60,000 0 0 0 0 0 60,000													
		<b>60,000</b>	<b>60,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																	
<b>Related Projects</b>				<b>Operating Budget Impact</b>													
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>								
2020	January 31, 2026	Growth: 0.0 % Maintenance: 0.0 %		Brent Paisley/Deputy Fire Chief Andrea DeJong					2026`								



# Project Version Summary

<b>Project #</b>	FRS-002-21	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Operations
<b>Title</b>	Permanent Training Tower		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Firefighter Stair Tower is a stand alone metal sturdy and rigid structure that provides a safe means to practice real life simulations for physical conditioning of fire specific activities. The stair-training tower also offers a venue that assists firefighters train in hose advancement and hone their skills in realistic environment that are paramount to their ongoing training, education and skills development specific to the job.				Windsor Fire & Rescues current training tower is a steel scaffolding structure purchased "used" from Firefit Canada in 2001. At the time of purchase, the tower was already 7 years old and was being used as a "portable" system, which could be erected from city to city for the Firefighter Combat Challenge competitions. Windsor Fire purchased this and erected it as a permanent structure supported with guide wires to provide both the WFRS Combat Challenge team and the Training Division a means to support and encourage physical conditioning specifically related to the job. The tower is now well past its useful life and requires visual inspections before and during each use, particularly when inclement weather occurs such as strong winds, heavy rain or snow accumulation. It also requires a formal annual inspection and has undergone extensive repairs over the last several years that are required to be performed by a certified provider. Furthermore, the WFRS apparatus division is required to assist with ongoing day-to-day maintenance. Although it is made of solid steal, the landings are constructed of plywood, and maintenance is becoming costly and time consuming. It is recommended that new permanent steel stair-tower is planned in 2028.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
NEW																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		Revenue														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</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>2029</u>	<u>2030</u>	<u>Total</u>	
				<b>Expenses</b>												
2021	0	0	0	5110 Machinery & Equipment - TCA								200,000	0	0	200,000	
2022	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
2023	0	0	0	Total	0	0	0	0	0	0	0	200,000	0	0	200,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169CF Committed Funding								0	0	0	0	
2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
2027	0	0	0	221 Service Sustainability Investm								200,000	0	0	200,000	
2028	200,000	200,000	0	Total	0	0	0	0	0	0	0	200,000	0	0	200,000	
2029	0	0	0		0	0	0	0	0	0	0	200,000	0	0	200,000	
2030	0	0	0													
	<b>200,000</b>	<b>200,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>						<b>Est. Completion Date</b>						
2021	January 1, 2028	Growth: 0.0 % Maintenance: 0.0 %		Deputy Fire Chief Jamie Waffle						2025						



# Project Version Summary

<b>Project #</b>	FRS-003-13	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Operations
<b>Title</b>	New Fire Headquarters - Station #1		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 3, City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
WFRS is recommending the replacement of the existing Station 1/Headquarters facility. The current building was built in 1967 and is in extremely poor condition. The building is in need of substantial repairs which are 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.	<p>The current headquarters building provides limited access to persons with physical disabilities to the first floor Administration area only. There is zero accessibility to the second floor or any other areas in the building including the fire hall and Emergency Communications Center. The Administrative area of the headquarters building also shares common washroom facilities for males and females and has inadequate office and storage space to meet its needs. 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.</p> <p>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 heating and air conditioning system to take days in both administration and the firehall. Due to the aging boiler system, fire crews often go without hot water for extended periods when awaiting repair(s). Flooding is also a concern and is often experienced during major rainfalls compromising expensive and essential communications equipment housed in the basement of the facilities. Repairs after flooding also take days to complete due to aging equipment and the difficulty in finding parts.</p> <p>Relative to the current Fire Prevention building, only the front vestibule can accommodate persons with disabilities. The corridors, door widths, washrooms 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.</p>

<b>Project Comments/Reference</b>	<b>Version Comments</b>
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.	<p>A new facility will house Administration, Fire Prevention, the Emergency Communications Center (dispatch) and Station 1 Fire Operations. The new facility will provide an accessible, energy efficient facility that meets the current and future needs of Windsor Fire and Rescue Services.</p> <p>Estimated cost based on Construction inflation rate of 2% is \$32,500,000, this amount includes purchase of the land which has yet to be identified.</p>

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	<b>Expenses</b>											
2021	0	0	0	5410	Construction Contracts - TCA										
2022	0	0	0		0	0	0	0	0	1,500,000	0	1,000,000	0	2,500,000	
2023	0	0	0	Total	0	0	0	0	0	1,500,000	0	1,000,000	0	2,500,000	
2024	0	0	0	<b>Revenues</b>											
2025	0	0	0	169	Pay As You Go - Capital Reserve										
2026	0	0	0		0	0	0	0	0	1,500,000	0	1,000,000	0	2,500,000	
2027	1,500,000	1,500,000	0	221	Service Sustainability Investm										
2028	0	0	0		0	0	0	0	0	0	0	0	0	0	
2029	1,000,000	1,000,000	0	Total	0	0	0	0	0	1,500,000	0	1,000,000	0	2,500,000	
2030	0	0	0												
	<b>2,500,000</b>	<b>2,500,000</b>	<b>0</b>												

<b>Historical Approved Budget</b>
-----------------------------------

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2013	January 1, 2027	Growth: 0.0 % Maintenance: 0.0 %	Deputy Fire Chief Jamie Waffle/Fire Chief Stephen Laforet	2030`	0	0
			Effective Date	Description		
			Unknown	An increase/decrease to the annual operating budget may be required upon project completion(ie. utilities, maintenance contracts etc.)		



# Project Version Summary

<b>Project #</b>	FRS-003-20	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Operations
<b>Title</b>	Fire & Rescue Washer Extractor		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 9, Ward 10		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
<p>WFRS requires replacement of a Washer Extractor in two Stations 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 as per personal protective equipment standards or more often when warranted for repairs due to wear and damage. This service rates the bunker gear effectiveness and makes repairs required to keep the gear at its optimal protection level. This is also a critical step in addressing firefighter health and safety against carcinogenic exposure and WSIB claims of such which continue to rise across the province due to the chemicals contained in new building and furnishing materials.</p> <p>Currently, post fire activities see the fire apparatus attend stations that have a washing extractor. During this process, if the apparatus is not at its home station, the apparatus is out of service, unavailable to attend until the fire fighters either replace their bunker gear with their second set of gear, or utilize the extractor, thereby affecting response until the apparatus personnel have replaced their bunker gear, and are readying the previous set to reused if another exposure incident were to occur.</p>

<b>Project Comments/Reference</b>	<b>Version Comments</b>
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.

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	5111	Machinery & Equipment -Non TCA											
2022	0	0	0		0	0	0	0	0	0	0	25,000	0	0	25,000	
2023	0	0	0		0	0	0	0	0	0	0	25,000	0	0	25,000	
2024	0	0	0		0	0	0	0	0	0	0	25,000	0	0	25,000	
2025	0	0	0	<b>Revenues</b>												
2026	0	0	0	221	Service Sustainability Investm											
2027	0	0	0		0	0	0	0	0	0	0	25,000	0	0	25,000	
2028	25,000	25,000	0		0	0	0	0	0	0	0	25,000	0	0	25,000	
2029	0	0	0		0	0	0	0	0	0	0	25,000	0	0	25,000	
2030	0	0	0		0	0	0	0	0	0	0	25,000	0	0	25,000	
	<b>25,000</b>	<b>25,000</b>	<b>0</b>													

<b>Historical Approved Budget</b>	
-----------------------------------	--

<b>Related Projects</b>	<b>Operating Budget Impact</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2020	July 1, 2028	Growth: 0.0 % Maintenance: 0.0 %	Dave Hart/Deputy Fire Chief Jamie Waffle	2028



2018	December 31, 2022	Growth: 0.0 % Maintenance: 0.0 %	Dave Hart/Deputy Fire Chief Jamie Waffle	2029`
------	----------------------	----------------------------------	--	-------



# Project Version Summary

<b>Project #</b>	FRS-001-18	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Support Services
<b>Title</b>	Radio Service Monitor		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	5110	Machinery & Equipment - TCA											
2022	45,000	45,000	0		0	45,000	0	0	0	0	0	0	0	0	45,000	
2023	0	0	0		Total	0	45,000	0	0	0	0	0	0	0	45,000	
2024	0	0	0	<b>Revenues</b>												
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	0	45,000	
2027	0	0	0		Total	0	45,000	0	0	0	0	0	0	0	45,000	
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>45,000</b>	<b>45,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>						<b>Est. Completion Date</b>						
2018	March 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Mike Menard/Deputy Fire Chief Andrea DeJong						2022'						



# Project Version Summary

<b>Project #</b>	FRS-002-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Support Services
<b>Title</b>	Fire & Rescue Computer-aided Dispatch System (CRISYS)		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	2020 Version (Active)		

<b>Project Description</b>	<b>Version Description</b>
<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 &amp; 2016 upgrade involved computer hardware components only, and the manufacturer indicated that approximately \$50,000 will be required every 3-years going forward.</p>

<b>Project Comments/Reference</b>	<b>Version Comments</b>
(Closed:7101012 / 7131006) / 7161037	

Project Forecast				Project Detailed Forecast											
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
		Net City Cost	Subsidies												
				<b>Expenses</b>											
2021	0	0	0	5125 Computers - PCs	0	0	50,000	0	0	50,000	0	0	50,000	0	150,000
2022	0	0	0												
2023	50,000	50,000	0	Total	0	0	50,000	0	0	50,000	0	0	50,000	0	150,000
2024	0	0	0	<b>Revenues</b>											
2025	0	0	0	170 Pay As You Go - Leasing Reserve	0	0	50,000	0	0	50,000	0	0	50,000	0	150,000
2026	50,000	50,000	0	Total	0	0	50,000	0	0	50,000	0	0	50,000	0	150,000
2027	0	0	0												
2028	0	0	0												
2029	50,000	50,000	0												
2030	0	0	0												
	<b>150,000</b>	<b>150,000</b>	<b>0</b>												

Historical Approved Budget			
Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2010	180,000	180,000	0
2013	40,000	40,000	0
2016	50,000	50,000	0
2020	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 2021	Project Lead	Est. Completion Date	
2007	January 1, 2023	Growth: 0.0 % Maintenance: 0.0 %	Mike Menard/Deputy Fire Chief Andrea DeJong	Ongoing - every 3 years`	



# Project Version Summary

<b>Project #</b>	FRS-002-16	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Support Services
<b>Title</b>	Fire Engine Portable Hoists		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				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. For example, the use of portable hoists gives the ability to use 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. It would also facilitate situations for a repair that may require working under the vehicle, where the technician lies on his back using a creeper, which will be avoided as it is less productive and less safe than operating while standing.  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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7211037																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		Revenue		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	80,000	80,000	0	5110 Machinery & Equipment - TCA												
2022	0	0	0		80,000	0	0	0	0	0	0	0	0	0	80,000	
2023	0	0	0	Total	80,000	0	0	0	0	0	0	0	0	0	80,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169 Pay As You Go - Capital Reserve												
2026	0	0	0		80,000	0	0	0	0	0	0	0	0	0	80,000	
2027	0	0	0	Total	80,000	0	0	0	0	0	0	0	0	0	80,000	
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
<b>80,000</b>		<b>80,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>									<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No operating budget impact.									0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>				<b>Est. Completion Date</b>									
2016	January 1, 2021	Growth: 100.0 % Maintenance: 0.0 %	Brent Paisley/Deputy Fire Chief Andrea DeJong				2021`									



# Project Version Summary

<b>Project #</b>	FRS-002-18	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Support Services
<b>Title</b>	Breathing Air-Compressor Replacement		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>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.</p> <p>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.</p>	<p><b>Version Description</b></p> <p>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.</p>																																																																																																																																																														
<p><b>Project Comments/Reference</b></p> <p>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.</p>	<p><b>Version Comments</b></p> <p>Windsor Fire &amp; 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.</p>																																																																																																																																																														
<p><b>Project Forecast</b></p> <table border="1"> <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>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>0</td><td>0</td><td>0</td></tr> <tr><td>2029</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2030</td><td>0</td><td>0</td><td>0</td></tr> <tr> <td></td> <td><b>100,000</b></td> <td><b>100,000</b></td> <td><b>0</b></td> </tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	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	2029	0	0	0	2030	0	0	0		<b>100,000</b>	<b>100,000</b>	<b>0</b>	<p><b>Project Detailed Forecast</b></p> <table border="1"> <thead> <tr> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>5110 Machinery &amp; Equipment - TCA</td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>100,000</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>100,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>0</b></td> <td><b>100,000</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>100,000</b></td> </tr> <tr> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>221 Service Sustainability Investm</td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>100,000</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>100,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>0</b></td> <td><b>100,000</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>100,000</b></td> </tr> </tbody> </table>	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>												5110 Machinery & Equipment - TCA													0	100,000	0	0	0	0	0	0	0	0	100,000	<b>Total</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>Revenues</b>												221 Service Sustainability Investm													0	100,000	0	0	0	0	0	0	0	0	100,000	<b>Total</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>														
Year			Total Expense	Revenue																																																																																																																																																											
	Net City Cost	Subsidies																																																																																																																																																													
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																																																																																																																																																												
2029	0	0	0																																																																																																																																																												
2030	0	0	0																																																																																																																																																												
	<b>100,000</b>	<b>100,000</b>	<b>0</b>																																																																																																																																																												
GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																				
<b>Expenses</b>																																																																																																																																																															
5110 Machinery & Equipment - TCA																																																																																																																																																															
	0	100,000	0	0	0	0	0	0	0	0	100,000																																																																																																																																																				
<b>Total</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>																																																																																																																																																				
<b>Revenues</b>																																																																																																																																																															
221 Service Sustainability Investm																																																																																																																																																															
	0	100,000	0	0	0	0	0	0	0	0	100,000																																																																																																																																																				
<b>Total</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>																																																																																																																																																				
<p><b>Historical Approved Budget</b></p>																																																																																																																																																															

Related Projects		Operating Budget Impact		
Year Identified	Start Date	Project Type for 2021	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

<b>Project #</b>	FRS-003-16	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Support Services
<b>Title</b>	Fire Education Materials, Displays & Equipment		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																												
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.																																																																																																																																																																																																																												
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																												
7161038																																																																																																																																																																																																																																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																												
				<table border="1"> <thead> <tr> <th colspan="4">Revenue</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td><b>Year</b></td> <td><b>Total Expense</b></td> <td><b>Net City Cost</b></td> <td><b>Subsidies</b></td> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> <td>2360</td> <td colspan="11">Promotional Material &amp; Product</td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>40,000</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>40,000</td> </tr> <tr> <td>2024</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>40,000</td> </tr> <tr> <td>2025</td> <td>20,000</td> <td>20,000</td> <td>0</td> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>2026</td> <td>0</td> <td>0</td> <td>0</td> <td>221</td> <td colspan="11">Service Sustainability Investm</td> </tr> <tr> <td>2027</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>40,000</td> </tr> <tr> <td>2028</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>40,000</td> </tr> <tr> <td>2029</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>40,000</td> </tr> <tr> <td>2030</td> <td>20,000</td> <td>20,000</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20,000</td> <td>40,000</td> </tr> <tr> <td></td> <td><b>40,000</b></td> <td><b>40,000</b></td> <td><b>0</b></td> <td></td> </tr> </tbody> </table>													Revenue				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												2021	0	0	0	2360	Promotional Material & Product											2022	0	0	0		0	0	0	0	20,000	0	0	0	0	20,000	40,000	2023	0	0	0		0	0	0	0	20,000	0	0	0	0	20,000	40,000	2024	0	0	0		0	0	0	0	20,000	0	0	0	0	20,000	40,000	2025	20,000	20,000	0	<b>Revenues</b>												2026	0	0	0	221	Service Sustainability Investm											2027	0	0	0		0	0	0	0	20,000	0	0	0	0	20,000	40,000	2028	0	0	0		0	0	0	0	20,000	0	0	0	0	20,000	40,000	2029	0	0	0		0	0	0	0	20,000	0	0	0	0	20,000	40,000	2030	20,000	20,000	0		0	0	0	0	20,000	0	0	0	0	20,000	40,000		<b>40,000</b>	<b>40,000</b>	<b>0</b>												
Revenue				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>																																																																																																																																																																																																																												
2021	0	0	0	2360	Promotional Material & Product																																																																																																																																																																																																																											
2022	0	0	0		0	0	0	0	20,000	0	0	0	0	20,000	40,000																																																																																																																																																																																																																	
2023	0	0	0		0	0	0	0	20,000	0	0	0	0	20,000	40,000																																																																																																																																																																																																																	
2024	0	0	0		0	0	0	0	20,000	0	0	0	0	20,000	40,000																																																																																																																																																																																																																	
2025	20,000	20,000	0	<b>Revenues</b>																																																																																																																																																																																																																												
2026	0	0	0	221	Service Sustainability Investm																																																																																																																																																																																																																											
2027	0	0	0		0	0	0	0	20,000	0	0	0	0	20,000	40,000																																																																																																																																																																																																																	
2028	0	0	0		0	0	0	0	20,000	0	0	0	0	20,000	40,000																																																																																																																																																																																																																	
2029	0	0	0		0	0	0	0	20,000	0	0	0	0	20,000	40,000																																																																																																																																																																																																																	
2030	20,000	20,000	0		0	0	0	0	20,000	0	0	0	0	20,000	40,000																																																																																																																																																																																																																	
	<b>40,000</b>	<b>40,000</b>	<b>0</b>																																																																																																																																																																																																																													
<b>Historical Approved Budget</b>																																																																																																																																																																																																																																
				<table border="1"> <thead> <tr> <th colspan="4">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2016</td> <td>20,000</td> <td>20,000</td> <td>0</td> </tr> <tr> <td>2020</td> <td>20,000</td> <td>20,000</td> <td>0</td> </tr> </tbody> </table>													Revenue				Year	Total Expense	Net City Cost	Subsidies	2016	20,000	20,000	0	2020	20,000	20,000	0																																																																																																																																																																																																
Revenue																																																																																																																																																																																																																																
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																													
2016	20,000	20,000	0																																																																																																																																																																																																																													
2020	20,000	20,000	0																																																																																																																																																																																																																													
<b>Related Projects</b>				<b>Operating Budget Impact</b>																																																																																																																																																																																																																												
				<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																																																																																																																																																																																																																													
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>																																																																																																																																																																																																																												

2016	January 1, 2025	Growth: 0.0 % Maintenance: 0.0 %	John Lee/Deputy Chief Andrea DeJong	Ongoing - every 5 years`
------	-----------------	----------------------------------	-------------------------------------	--------------------------



# Project Version Summary

<b>Project #</b>	FRS-004-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Support Services
<b>Title</b>	Firefighter Self-Contained Breathing Apparatus (SCBA) Replacement		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																
Self Contained Breathing Apparatus (SCBA) is the most important equipment in protecting the health and safety of firefighters, providing the firefighter with the ability to breathe and communicate while working in hazardous environments such as structure fires, vehicle fires and hazardous materials incidents.				Current SCBA equipment was purchased in 2016 and typically requires replacement approximately every 12 to 15 years. Replacement of the equipment may be required in year 2028. Fire & Rescue is performing regular maintenance and software upgrades to the SCBA equipment to allow for longer usage and decreased maintenance cost in years nearing end of life. Therefore, funding in 2029 is a placeholder for planning purposes and will be revised to best meet replacement time vs. maintenance cost. Dedicated funding source allows for this flexibility.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>																
(Closed: 7071069/7111033/7121012) NEW 2016 Operating Budget Council approved establishment of Self-Contained Breathing Apparatus (SCBA) Reserve (Acc.1794) with an annual contribution of \$100,000 towards the future replacement.																				
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>					
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>																		
		<b>Net City Cost</b>	<b>Subsidies</b>																	
2021	0	0	0	<b>Expenses</b>																
2022	0	0	0	5110 Machinery & Equipment - TCA																
2023	0	0	0	0 0 0 0 0 0 0 0 0 0 1,400,000 0 1,400,000																
2024	0	0	0	Total 0 0 0 0 0 0 0 0 0 0 1,400,000 0 1,400,000																
2025	0	0	0	<b>Revenues</b>																
2026	0	0	0	7058 TRANSFER From Reserve Account																
2027	0	0	0	0 0 0 0 0 0 0 0 0 0 1,400,000 0 1,400,000																
2028	0	0	0	Total 0 0 0 0 0 0 0 0 0 0 1,400,000 0 1,400,000																
2029	1,400,000	1,400,000	0																	
2030	0	0	0																	
	<b>1,400,000</b>	<b>1,400,000</b>	<b>0</b>																	
<b>Historical Approved Budget</b>																				
				<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>														
						<b>Net City Cost</b>	<b>Subsidies</b>													
				2007	220,000	220,000	0													
				2011	20,000	20,000	0													
				2012	600,000	600,000	0													
				2016	200,000	200,000	0													
				2018	300,000	300,000	0													

Related Projects		Operating Budget Impact		
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2007	January 1, 2029	Growth: 0.0 % Maintenance: 0.0 %	Deputy Fire Chief Jamie Waffle	2030`



# Project Version Summary

<b>Project #</b>	FRS-004-18	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Support Services
<b>Title</b>	Posichek Machine (SCBA tester)		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
	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.

<b>Project Forecast</b>	<b>Project Detailed Forecast</b>																																																																																																																																																																																																																																																																											
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="3">Revenue</th> <th colspan="10"></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th colspan="10"></th> </tr> </thead> <tbody> <tr><td>2021</td><td>0</td><td>0</td><td>0</td><td colspan="10"></td></tr> <tr><td>2022</td><td>25,000</td><td>25,000</td><td>0</td><td colspan="10"></td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td><td colspan="10"></td></tr> <tr><td>2024</td><td>0</td><td>0</td><td>0</td><td colspan="10"></td></tr> <tr><td>2025</td><td>0</td><td>0</td><td>0</td><td colspan="10"></td></tr> <tr><td>2026</td><td>0</td><td>0</td><td>0</td><td colspan="10"></td></tr> <tr><td>2027</td><td>0</td><td>0</td><td>0</td><td colspan="10"></td></tr> <tr><td>2028</td><td>0</td><td>0</td><td>0</td><td colspan="10"></td></tr> <tr><td>2029</td><td>0</td><td>0</td><td>0</td><td colspan="10"></td></tr> <tr><td>2030</td><td>0</td><td>0</td><td>0</td><td colspan="10"></td></tr> <tr> <td></td> <td style="text-align: right;">25,000</td> <td style="text-align: right;">25,000</td> <td style="text-align: right;">0</td> <td colspan="10"></td> </tr> </tbody> </table>			Revenue													Year	Total Expense	Net City Cost	Subsidies											2021	0	0	0											2022	25,000	25,000	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											2029	0	0	0											2030	0	0	0												25,000	25,000	0											<table border="1"> <thead> <tr> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>5110 Machinery &amp; Equipment - TCA</td> <td>0</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>0</td> <td>25,000</td> </tr> <tr> <td style="text-align: right;">Total</td> <td>0</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>0</td> <td>25,000</td> </tr> <tr> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>221 Service Sustainability Investm</td> <td>0</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>0</td> <td>25,000</td> </tr> <tr> <td style="text-align: right;">Total</td> <td>0</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>0</td> <td>25,000</td> </tr> </tbody> </table>	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>												5110 Machinery & Equipment - TCA	0	25,000	0	0	0	0	0	0	0	0	25,000	Total	0	25,000	0	0	0	0	0	0	0	0	25,000	<b>Revenues</b>												221 Service Sustainability Investm	0	25,000	0	0	0	0	0	0	0	0	25,000	Total	0	25,000	0	0	0	0	0	0	0	0	25,000
		Revenue																																																																																																																																																																																																																																																																										
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																																																																									
2021	0	0	0																																																																																																																																																																																																																																																																									
2022	25,000	25,000	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																																																																																																																																																																																																																																																																									
2029	0	0	0																																																																																																																																																																																																																																																																									
2030	0	0	0																																																																																																																																																																																																																																																																									
	25,000	25,000	0																																																																																																																																																																																																																																																																									
GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																																																																	
<b>Expenses</b>																																																																																																																																																																																																																																																																												
5110 Machinery & Equipment - TCA	0	25,000	0	0	0	0	0	0	0	0	25,000																																																																																																																																																																																																																																																																	
Total	0	25,000	0	0	0	0	0	0	0	0	25,000																																																																																																																																																																																																																																																																	
<b>Revenues</b>																																																																																																																																																																																																																																																																												
221 Service Sustainability Investm	0	25,000	0	0	0	0	0	0	0	0	25,000																																																																																																																																																																																																																																																																	
Total	0	25,000	0	0	0	0	0	0	0	0	25,000																																																																																																																																																																																																																																																																	

<b>Historical Approved Budget</b>	
-----------------------------------	--

<b>Related Projects</b>	<b>Operating Budget Impact</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
------------------------	-------------------	------------------------------	---------------------	-----------------------------

2018	July 1, 2022	Growth: 0.0 % Maintenance: 0.0 %	Brent Paisley/Deputy Fire Chief Andrea DeJong	2022'
------	--------------	----------------------------------	---	-------



# Project Version Summary

<b>Project #</b>	FRS-004-19	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Support Services
<b>Title</b>	WFRS - Next Gen 911 Telecommunications Rehabilitation Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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 involves receiving the information in many forms like text messages, pictures, video, and telematics that will be sent directly to 911 from a variety of devices. Fire & Rescue's communication ability will require technological upgrades or replacements to all equipment, hardware, software, and workstations. Fully functioning back up site, compliant with Next Generation 911, is also included in this project should the functionality be lost at the primary site.  The funding allocated is believed to be sufficient but 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.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7197005	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. All funding will be transferred to 7197005.

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>	5110	Machinery & Equipment - TCA											
2021	225,000	225,000	0		225,000	0	0	300,000	1,600,000	0	0	0	0	0	2,125,000	
2022	0	0	0													
2023	0	0	0		Total	225,000	0	0	300,000	1,600,000	0	0	0	0	2,125,000	
2024	300,000	300,000	0	<b>Revenues</b>												
2025	1,600,000	1,600,000	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		0	0	0	0	500,000	0	0	0	0	0	500,000	
2027	0	0	0	221	Service Sustainability Investm											
2028	0	0	0		225,000	0	0	300,000	1,100,000	0	0	0	0	0	1,625,000	
2029	0	0	0		Total	225,000	0	0	300,000	1,600,000	0	0	0	0	2,125,000	
2030	0	0	0													
	<b>2,125,000</b>	<b>2,125,000</b>	<b>0</b>													

<b>Historical Approved Budget</b>			
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	
		<b>Net City Cost</b>	<b>Subsidies</b>
2020	125,000	125,000	0

<b>Related Projects</b>	<b>Operating Budget Impact</b>

Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2019	January 31, 2021	Growth: 0.0 % Maintenance: 100.0 %	Mike Menard/Deputy Fire Chief Andrea DeJong	2025`



# Project Version Summary

<b>Project #</b>	FRS-005-18	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Support Services
<b>Title</b>	Shop Air-Compressor		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
	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.

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	5110 Machinery & Equipment - TCA												
2022	0	0	0		0	0	0	25,000	0	0	0	0	0	0	25,000	
2023	0	0	0	<b>Total</b>	0	0	0	25,000	0	0	0	0	0	0	25,000	
2024	25,000	25,000	0	<b>Revenues</b>												
2025	0	0	0	221 Service Sustainability Investm												
2026	0	0	0		0	0	0	25,000	0	0	0	0	0	0	25,000	
2027	0	0	0	<b>Total</b>	0	0	0	25,000	0	0	0	0	0	0	25,000	
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>25,000</b>	<b>25,000</b>	<b>0</b>													

<b>Historical Approved Budget</b>							
<b>Related Projects</b>				<b>Operating Budget Impact</b>			

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2018	July 1, 2024	Growth: 0.0 % Maintenance: 0.0 %	Brent Paisley/Deputy Fire Chief Andrea DeJong	2024



# Project Version Summary

<b>Project #</b>	FRS-006-18	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Support Services
<b>Title</b>	Hoist Replacement		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
	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.

<b>Project Forecast</b>	<b>Project Detailed Forecast</b>																																																																																																																																																																																																																																													
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th colspan="10"></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="16"><b>Expenses</b></td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> <td>5110 Machinery &amp; Equipment - TCA</td> <td></td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>240,000</td> <td>60,000</td> <td>0</td> <td>300,000</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> <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>240,000</td> <td>60,000</td> <td>0</td> <td>300,000</td> </tr> <tr> <td colspan="16"><b>Revenues</b></td> </tr> <tr> <td>2024</td> <td>0</td> <td>0</td> <td>0</td> <td>221 Service Sustainability Investm</td> <td></td> </tr> <tr> <td>2025</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>240,000</td> <td>60,000</td> <td>0</td> <td>300,000</td> </tr> <tr> <td>2026</td> <td>0</td> <td>0</td> <td>0</td> <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>240,000</td> <td>60,000</td> <td>0</td> <td>300,000</td> </tr> <tr> <td>2027</td> <td>0</td> <td>0</td> <td>0</td> <td></td> </tr> <tr> <td>2028</td> <td>240,000</td> <td>240,000</td> <td>0</td> <td></td> </tr> <tr> <td>2029</td> <td>60,000</td> <td>60,000</td> <td>0</td> <td></td> </tr> <tr> <td>2030</td> <td>0</td> <td>0</td> <td>0</td> <td></td> </tr> <tr> <td></td> <td><b>300,000</b></td> <td><b>300,000</b></td> <td><b>0</b></td> <td></td> </tr> </tbody> </table>			Revenue												Year	Total Expense	Net City Cost	Subsidies	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>																2021	0	0	0	5110 Machinery & Equipment - TCA												2022	0	0	0		0	0	0	0	0	0	0	240,000	60,000	0	300,000	2023	0	0	0	Total	0	0	0	0	0	0	0	240,000	60,000	0	300,000	<b>Revenues</b>																2024	0	0	0	221 Service Sustainability Investm												2025	0	0	0		0	0	0	0	0	0	0	240,000	60,000	0	300,000	2026	0	0	0	Total	0	0	0	0	0	0	0	240,000	60,000	0	300,000	2027	0	0	0													2028	240,000	240,000	0													2029	60,000	60,000	0													2030	0	0	0														<b>300,000</b>	<b>300,000</b>	<b>0</b>												
		Revenue																																																																																																																																																																																																																																												
Year	Total Expense	Net City Cost	Subsidies	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																															
<b>Expenses</b>																																																																																																																																																																																																																																														
2021	0	0	0	5110 Machinery & Equipment - TCA																																																																																																																																																																																																																																										
2022	0	0	0		0	0	0	0	0	0	0	240,000	60,000	0	300,000																																																																																																																																																																																																																															
2023	0	0	0	Total	0	0	0	0	0	0	0	240,000	60,000	0	300,000																																																																																																																																																																																																																															
<b>Revenues</b>																																																																																																																																																																																																																																														
2024	0	0	0	221 Service Sustainability Investm																																																																																																																																																																																																																																										
2025	0	0	0		0	0	0	0	0	0	0	240,000	60,000	0	300,000																																																																																																																																																																																																																															
2026	0	0	0	Total	0	0	0	0	0	0	0	240,000	60,000	0	300,000																																																																																																																																																																																																																															
2027	0	0	0																																																																																																																																																																																																																																											
2028	240,000	240,000	0																																																																																																																																																																																																																																											
2029	60,000	60,000	0																																																																																																																																																																																																																																											
2030	0	0	0																																																																																																																																																																																																																																											
	<b>300,000</b>	<b>300,000</b>	<b>0</b>																																																																																																																																																																																																																																											

<b>Historical Approved Budget</b>	
-----------------------------------	--

<b>Related Projects</b>	<b>Operating Budget Impact</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2018	July 1, 2028	Growth: 0.0 % Maintenance: 0.0 %	Brent Paisley/Deputy Fire Chief Andrea DeJong	2028`



## Project Version Summary

<b>Project #</b>	FRS-008-18	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Support Services
<b>Title</b>	WFRS - Development of the Strategic Plan and Accreditation Process		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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.</p> <p>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.</p> <p>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.</p>	<p>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.</p> <p>Strategic Initiatives were developed as a foundation for the development of goals and objectives. 8 initiatives are:</p> <ol style="list-style-type: none"> <li>1. Internal Communications</li> <li>2. External Communications</li> <li>3. Training</li> <li>4. Technology</li> <li>5. Workforce Planning</li> <li>6. Fire and Rescue Service Delivery</li> <li>7. Health and Safety</li> <li>8. Accreditation</li> </ol> <p>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.</p>
Project Comments/Reference	Version Comments
<p>See Document Attached 7181005</p>	

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	37,330	37,330	0	2915	Consulting Services - External										
2022	0	0	0		37,330	0	0	0	0	0	0	0	0	0	37,330
2023	0	0	0	Total	37,330	0	0	0	0	0	0	0	0	0	37,330
2024	0	0	0	Revenues											
2025	0	0	0	139	Budget Stabilization Reserve										
2026	0	0	0		37,330	0	0	0	0	0	0	0	0	0	37,330
2027	0	0	0	Total	37,330	0	0	0	0	0	0	0	0	0	37,330
2028	0	0	0												
2029	0	0	0												
2030	0	0	0												
	<b>37,330</b>	<b>37,330</b>	<b>0</b>												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2020	335,970	335,970	0												
Related Projects				Operating Budget Impact											
				Effective Date	Description								Exp/(Rev)	FTE Impact	
				2022-01-01	CPSE Accreditation Process								2,600	0	
Year Identified	Start Date	Project Type for 2021	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`											



# Project Version Summary

<b>Project #</b>	ENG-041-17	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Legal
<b>Asset Type</b>	Unassigned	<b>Division</b>	Legal Services & Real Estate
<b>Title</b>	Enwin Substations Acquisition (Avon/Mark Parks)		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
As per the approved 2017 enhanced Capital Budget 5-year plan and formally approved via CR140/2018 - In-Camera.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7184004				COMMITMENT: CR140/2018 - In-camera Report - 2021 F169 \$150,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	150,000	150,000	0	5410	Construction Contracts - TCA											
2022	0	0	0		150,000	0	0	0	0	0	0	0	0	0	150,000	
2023	0	0	0	Total											150,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
2027	0	0	0	169CF	Committed Funding											
2028	0	0	0		150,000	0	0	0	0	0	0	0	0	0	150,000	
2029	0	0	0	Total											150,000	
2030	0	0	0													
<b>150,000</b>				<b>150,000</b>												
<b>0</b>																
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2017	January 23, 2017	Growth: 100.0 % Maintenance: 0.0 %	Shelby Askin-Hagar	TBD`												



# Project Version Summary

<b>Project #</b>	LGL-001-17	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Legal
<b>Asset Type</b>	Unassigned	<b>Division</b>	Legal Services & Real Estate
<b>Title</b>	Former Marlborough Community Centre		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	5410	Construction Contracts - TCA											
2022	60,000	60,000	0		0	60,000	0	0	0	0	0	0	0	0	60,000	
2023	0	0	0		0	60,000	0	0	0	0	0	0	0	0	60,000	
2024	0	0	0		0	60,000	0	0	0	0	0	0	0	0	60,000	
2025	0	0	0		0	60,000	0	0	0	0	0	0	0	0	60,000	
2026	0	0	0		0	60,000	0	0	0	0	0	0	0	0	60,000	
2027	0	0	0		0	60,000	0	0	0	0	0	0	0	0	60,000	
2028	0	0	0		0	60,000	0	0	0	0	0	0	0	0	60,000	
2029	0	0	0		0	60,000	0	0	0	0	0	0	0	0	60,000	
2030	0	0	0		0	60,000	0	0	0	0	0	0	0	0	60,000	
	<b>60,000</b>	<b>60,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>										<b>Exp/(Rev)</b>	<b>FTE Impact</b>
				Unknown	No Operating Budget Impact										0	0
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2017	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Frank Scarfone					December 31, 2022`							



# Project Version Summary

<b>Project #</b>	LGL-002-17	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Legal
<b>Asset Type</b>	Unassigned	<b>Division</b>	Legal Services & Real Estate
<b>Title</b>	Demolition of Transitional Buildings		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	2017 (Active)		

<b>Project Description</b>				<b>Version Description</b>											
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 was requested in the 2020 Capital Budget but was not approved. The Real Estate Division again requests placeholder funding of \$100,000 per year for 2028, 2029, and also 2030. Carrying properties in poor condition for a prolonged period has reputation risks for the City. These properties also require maintenance and security. Administration may propose to fund this project with some of the demolition costs from the eventual sale of these properties. However, the amount of sale proceeds are unclear given the prolonged time frame of their demolition.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
		<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>											
2021	0	0	0	5410	Construction Contracts - TCA										
2022	0	0	0		0	0	0	100,000	100,000	0	0	100,000	100,000	100,000	500,000
2023	0	0	0		Total	0	0	0	100,000	100,000	0	0	100,000	100,000	500,000
2024	100,000	100,000	0	<b>Revenues</b>											
2025	100,000	100,000	0	221	Service Sustainability Investm										
2026	0	0	0		0	0	0	100,000	100,000	0	0	100,000	100,000	100,000	500,000
2027	0	0	0		Total	0	0	0	100,000	100,000	0	0	100,000	100,000	500,000
2028	100,000	100,000	0												
2029	100,000	100,000	0												
2030	100,000	100,000	0												
	<b>500,000</b>	<b>500,000</b>	<b>0</b>												
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>											
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating Budget Impact								0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>						
2017	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %		Frank Scarfone					December 31, 2024						



# Project Version Summary

<b>Project #</b>	LGL-003-17	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Legal
<b>Asset Type</b>	Unassigned	<b>Division</b>	Legal Services & Real Estate
<b>Title</b>	Confidential Property Related Matters - In-Camera Items		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	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				COMMITMENT: CR283/2016 - In-Camera Report- 2021 F169 \$500,000												
Project Forecast				Project Detailed Forecast												
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	
		Net City Cost	Subsidies													
2021	500,000	500,000	0	2920 Legal Services												
2022	0	0	0		500,000	0	0	0	0	0	0	0	0	0	500,000	
2023	0	0	0	Total	500,000	0	0	0	0	0	0	0	0	0	500,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169 Pay As You Go - Capital Reserve												
2026	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
2027	0	0	0	169CF Committed Funding												
2028	0	0	0		500,000	0	0	0	0	0	0	0	0	0	500,000	
2029	0	0	0	Total	500,000	0	0	0	0	0	0	0	0	0	500,000	
2030	0	0	0													
	<b>500,000</b>	<b>500,000</b>	<b>0</b>													
Historical Approved Budget																
Year	Total Expense	Revenue														
		Net City Cost	Subsidies													
2018	1,000,000	1,000,000	0													
2019	100,000	100,000	0													
2020	3,950,000	3,950,000	0													





# Project Version Summary

<b>Project #</b>	LGL-001-20	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Legal
<b>Asset Type</b>	Unassigned	<b>Division</b>	POA, Purchasing & Risk Management
<b>Title</b>	Provincial Offences Division Renovations 350 City Hall		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
The Provincial Offences Division requires renovations to 350 City Hall should Council decide they are to operate there. Since the Westcourt Building Fire in November 2019, POA was forced to relocate operations to 350 in order to provide a service level to the public. However, renovations to 350 are needed for POA to maintain service levels on a permanent basis.				\$3,734,000 is the Base Cost for the detailed design and construction of the building renovations at the 350 / 400 City Hall Square Campus to accommodate the Permanent Relocation of the Provincial Offences Program  Base Cost, inclusive of financing costs, will be recovered over the next approximate 12 years through the transfer of annual operational funding in the amount of at least \$316,000 from POA's lease budget which is no longer required for the Westcourt location.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7209011				Opened per Sept. 28 In-Camera Report a CR # of CR483/2020.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>											
		<b>Net City Cost</b>	<b>Subsidies</b>												
2021	316,000	0	316,000	5410	Construction Contracts - TCA										
2022	316,000	0	316,000		316,000	316,000	316,000	316,000	316,000	316,000	316,000	316,000	316,000	316,000	3,160,000
2023	316,000	0	316,000	Total	316,000	316,000	316,000	316,000	316,000	316,000	316,000	316,000	316,000	316,000	3,160,000
2024	316,000	0	316,000	<b>Revenues</b>											
2025	316,000	0	316,000	7055	TRANSFER From Current Funds										
2026	316,000	0	316,000		316,000	316,000	316,000	316,000	316,000	316,000	316,000	316,000	316,000	316,000	3,160,000
2027	316,000	0	316,000	Total	316,000	316,000	316,000	316,000	316,000	316,000	316,000	316,000	316,000	316,000	3,160,000
2028	316,000	0	316,000												
2029	316,000	0	316,000												
2030	316,000	0	316,000												
	<b>3,160,000</b>	<b>0</b>	<b>3,160,000</b>												
<b>Historical Approved Budget</b>															
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>						
2020		Growth: 100.0 % Maintenance: 0.0 %		Melissa Ryan					2032`						



# Project Version Summary

<b>Project #</b>	PBG-001-14	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Planning & Building
<b>Title</b>	Alley Closing Subsidy Pilot Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
B26/2019 - C 39/2019 - 2021 Capital Budget includes \$40,000 starting in 2022 for Regular Alley Closing Program																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7145002																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>														
		<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0													
2022	40,000	40,000	0													
2023	40,000	40,000	0													
2024	40,000	40,000	0													
2025	40,000	40,000	0													
2026	40,000	40,000	0													
2027	40,000	40,000	0													
2028	40,000	40,000	0													
2029	40,000	40,000	0													
2030	40,000	40,000	0													
	<b>360,000</b>	<b>360,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>														
		<b>Net City Cost</b>	<b>Subsidies</b>													
2018	790,000	790,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2014	January 2, 2014	Growth: 0.0 % Maintenance: 0.0 %		2018`												





# Project Version Summary

<b>Project #</b>	PBG-001-18	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Policy & Design
<b>Title</b>	Official Plan Review		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	2950	Other Prof Services-External											
2022	0	0	0		0	0	0	0	0	0	0	0	500,000	300,000	800,000	
2023	0	0	0	Total	0	0	0	0	0	0	0	0	500,000	300,000	800,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		0	0	0	0	0	0	0	0	500,000	300,000	800,000	
2027	0	0	0	Total	0	0	0	0	0	0	0	0	500,000	300,000	800,000	
2028	0	0	0													
2029	500,000	500,000	0													
2030	300,000	300,000	0													
	<b>800,000</b>	<b>800,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
<b>Related Projects</b>																
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2018	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %		Michael Cooke					2024+							



# Project Version Summary

<b>Project #</b>	PBG-002-14	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Policy & Design
<b>Title</b>	Serviced Employment Lands/Shovel Ready Sites Program		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7151019	Project remains ongoing with estimated completion date in 2023.

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	50,000	50,000	0	2916	INTERNAL Services- non-salary											
2022	0	0	0		50,000	0	0	0	0	0	0	0	0	0	50,000	
2023	0	0	0		Total	50,000	0	0	0	0	0	0	0	0	50,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		50,000	0	0	0	0	0	0	0	0	0	50,000	
2027	0	0	0		Total	50,000	0	0	0	0	0	0	0	0	50,000	
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>50,000</b>	<b>50,000</b>	<b>0</b>													

<b>Historical Approved Budget</b>			
		<b>Revenue</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>
2015	50,000	0	50,000

<b>Related Projects</b>	<b>Operating Budget Impact</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>
	<b>Effective Date</b> <b>Description</b>		
	Unknown            No Operating Budget Impact	0	0

Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2014	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %	Greg Atkinson	2021`



# Project Version Summary

<b>Project #</b>	PBG-002-18	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Policy & Design
<b>Title</b>	Comprehensive Zoning B-Law		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7092002																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	2950	Other Prof Services-External											
2022	250,000	250,000	0		0	250,000	0	0	0	0	0	0	350,000	100,000	700,000	
2023	0	0	0	Total	0	250,000	0	0	0	0	0	0	350,000	100,000	700,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		0	250,000	0	0	0	0	0	0	350,000	100,000	700,000	
2027	0	0	0	Total	0	250,000	0	0	0	0	0	0	350,000	100,000	700,000	
2028	0	0	0													
2029	350,000	350,000	0													
2030	100,000	100,000	0													
	<b>700,000</b>	<b>700,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2018	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %	Neil Robertson	Ongoing												



# Project Version Summary

<b>Project #</b>	PLN-007-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Policy & Design
<b>Title</b>	Growth Management Plan Review and Implementation		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7191013	

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>	5410	Construction Contracts - TCA											
2021	0	0	0	0	0	0	0	0	0	0	0	0	100,000	0	100,000	
2022	0	0	0	0	0	0	0	0	0	0	0	0	100,000	0	100,000	
2023	0	0	0	<b>Total</b>												
2024	0	0	0	0	0	0	0	0	0	0	0	0	100,000	0	100,000	
2025	0	0	0	<b>Revenues</b>												
2026	0	0	0	169	Pay As You Go - Capital Reserve											
2027	0	0	0	0	0	0	0	0	0	0	0	0	100,000	0	100,000	
2028	0	0	0	<b>Total</b>												
2029	100,000	100,000	0	0	0	0	0	0	0	0	0	0	100,000	0	100,000	
2030	0	0	0	0	0	0	0	0	0	0	0	0	100,000	0	100,000	
	<b>100,000</b>	<b>100,000</b>	<b>0</b>													

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

<b>Related Projects</b>		<b>Operating Budget Impact</b>			
		<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>
		Unknown	No Operating Budget Impact	0	0

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
------------------------	-------------------	------------------------------	---------------------	-----------------------------

2007	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Michael Cooke	2024+
------	-----------------	----------------------------------	---------------	-------



# Project Version Summary

<b>Project #</b>	PLN-008-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Policy & Design
<b>Title</b>	"Green Windsor" Protection and Funding Strategy		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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+.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7191014	

<b>Project Forecast</b>	<b>Project Detailed Forecast</b>																																																																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="3">Revenue</th> <th colspan="10"></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th colspan="10"></th> </tr> </thead> <tbody> <tr><td>2021</td><td>0</td><td>0</td><td>0</td><td colspan="10"></td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td><td colspan="10"></td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td><td colspan="10"></td></tr> <tr><td>2024</td><td>0</td><td>0</td><td>0</td><td colspan="10"></td></tr> <tr><td>2025</td><td>0</td><td>0</td><td>0</td><td colspan="10"></td></tr> <tr><td>2026</td><td>100,000</td><td>100,000</td><td>0</td><td colspan="10"></td></tr> <tr><td>2027</td><td>0</td><td>0</td><td>0</td><td colspan="10"></td></tr> <tr><td>2028</td><td>0</td><td>0</td><td>0</td><td colspan="10"></td></tr> <tr><td>2029</td><td>0</td><td>0</td><td>0</td><td colspan="10"></td></tr> <tr><td>2030</td><td>0</td><td>0</td><td>0</td><td colspan="10"></td></tr> <tr> <td></td> <td><b>100,000</b></td> <td><b>100,000</b></td> <td><b>0</b></td> <td colspan="10"></td> </tr> </tbody> </table>			Revenue													Year	Total Expense	Net City Cost	Subsidies											2021	0	0	0											2022	0	0	0											2023	0	0	0											2024	0	0	0											2025	0	0	0											2026	100,000	100,000	0											2027	0	0	0											2028	0	0	0											2029	0	0	0											2030	0	0	0												<b>100,000</b>	<b>100,000</b>	<b>0</b>											<table border="1"> <thead> <tr> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>5410</td> <td colspan="11">Construction Contracts - TCA</td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> </tr> <tr> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>169</td> <td colspan="11">Pay As You Go - Capital Reserve</td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> </tr> </tbody> </table>	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>												5410	Construction Contracts - TCA												0	0	0	0	0	100,000	0	0	0	0	100,000	Total	0	0	0	0	0	100,000	0	0	0	0	100,000	<b>Revenues</b>												169	Pay As You Go - Capital Reserve												0	0	0	0	0	100,000	0	0	0	0	100,000	Total	0	0	0	0	0	100,000	0	0	0	0	100,000
		Revenue																																																																																																																																																																																																																																																																																																		
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																																																																																																	
2021	0	0	0																																																																																																																																																																																																																																																																																																	
2022	0	0	0																																																																																																																																																																																																																																																																																																	
2023	0	0	0																																																																																																																																																																																																																																																																																																	
2024	0	0	0																																																																																																																																																																																																																																																																																																	
2025	0	0	0																																																																																																																																																																																																																																																																																																	
2026	100,000	100,000	0																																																																																																																																																																																																																																																																																																	
2027	0	0	0																																																																																																																																																																																																																																																																																																	
2028	0	0	0																																																																																																																																																																																																																																																																																																	
2029	0	0	0																																																																																																																																																																																																																																																																																																	
2030	0	0	0																																																																																																																																																																																																																																																																																																	
	<b>100,000</b>	<b>100,000</b>	<b>0</b>																																																																																																																																																																																																																																																																																																	
GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																																																																																									
<b>Expenses</b>																																																																																																																																																																																																																																																																																																				
5410	Construction Contracts - TCA																																																																																																																																																																																																																																																																																																			
	0	0	0	0	0	100,000	0	0	0	0	100,000																																																																																																																																																																																																																																																																																									
Total	0	0	0	0	0	100,000	0	0	0	0	100,000																																																																																																																																																																																																																																																																																									
<b>Revenues</b>																																																																																																																																																																																																																																																																																																				
169	Pay As You Go - Capital Reserve																																																																																																																																																																																																																																																																																																			
	0	0	0	0	0	100,000	0	0	0	0	100,000																																																																																																																																																																																																																																																																																									
Total	0	0	0	0	0	100,000	0	0	0	0	100,000																																																																																																																																																																																																																																																																																									

<b>Historical Approved Budget</b>																
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="3">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th></th> </tr> </thead> <tbody> <tr> <td>2019</td> <td>80,000</td> <td>80,000</td> <td>0</td> <td></td> </tr> </tbody> </table>			Revenue			Year	Total Expense	Net City Cost	Subsidies		2019	80,000	80,000	0		
		Revenue														
Year	Total Expense	Net City Cost	Subsidies													
2019	80,000	80,000	0													

Related Projects			Operating Budget Impact		Exp/(Rev)	FTE Impact
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date		
2007	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Michael Cooke	2019 and Beyond`	0	0
					0	0



# Project Version Summary

<b>Project #</b>	PLN-010-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Policy & Design
<b>Title</b>	Heritage Preservation Study and Identification of Incentives		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																												
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.																																																																																																																																																																																																																												
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																												
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.																																																																																																																																																																																																																												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																												
				<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td><b>Year</b></td> <td><b>Total Expense</b></td> <td><b>Net City Cost</b></td> <td><b>Subsidies</b></td> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>2021</td> <td>435,000</td> <td>435,000</td> <td>0</td> <td>2950</td> <td>Other Prof Services-External</td> <td></td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>435,000</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>0</td> <td>435,000</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>Total</td> <td>435,000</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>435,000</td> </tr> <tr> <td>2024</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>2025</td> <td>0</td> <td>0</td> <td>0</td> <td>169</td> <td>Pay As You Go - Capital Reserve</td> <td></td> </tr> <tr> <td>2026</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>435,000</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>0</td> <td>435,000</td> </tr> <tr> <td>2027</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>Total</td> <td>435,000</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>435,000</td> </tr> <tr> <td>2028</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td>2029</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td>2030</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td></td> <td><b>435,000</b></td> <td><b>435,000</b></td> <td><b>0</b></td> <td colspan="12"></td> </tr> </tbody> </table>															Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												2021	435,000	435,000	0	2950	Other Prof Services-External											2022	0	0	0		435,000	0	0	0	0	0	0	0	0	0	435,000	2023	0	0	0		Total	435,000	0	0	0	0	0	0	0	0	435,000	2024	0	0	0	<b>Revenues</b>												2025	0	0	0	169	Pay As You Go - Capital Reserve											2026	0	0	0		435,000	0	0	0	0	0	0	0	0	0	435,000	2027	0	0	0		Total	435,000	0	0	0	0	0	0	0	0	435,000	2028	0	0	0													2029	0	0	0													2030	0	0	0														<b>435,000</b>	<b>435,000</b>	<b>0</b>												
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>																																																																																																																																																																																																																												
2021	435,000	435,000	0	2950	Other Prof Services-External																																																																																																																																																																																																																											
2022	0	0	0		435,000	0	0	0	0	0	0	0	0	0	435,000																																																																																																																																																																																																																	
2023	0	0	0		Total	435,000	0	0	0	0	0	0	0	0	435,000																																																																																																																																																																																																																	
2024	0	0	0	<b>Revenues</b>																																																																																																																																																																																																																												
2025	0	0	0	169	Pay As You Go - Capital Reserve																																																																																																																																																																																																																											
2026	0	0	0		435,000	0	0	0	0	0	0	0	0	0	435,000																																																																																																																																																																																																																	
2027	0	0	0		Total	435,000	0	0	0	0	0	0	0	0	435,000																																																																																																																																																																																																																	
2028	0	0	0																																																																																																																																																																																																																													
2029	0	0	0																																																																																																																																																																																																																													
2030	0	0	0																																																																																																																																																																																																																													
	<b>435,000</b>	<b>435,000</b>	<b>0</b>																																																																																																																																																																																																																													
<b>Historical Approved Budget</b>																																																																																																																																																																																																																																
				<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>2014</td> <td>50,000</td> <td>0</td> <td>50,000</td> </tr> </tbody> </table>															Revenue		Year	Total Expense	Net City Cost	Subsidies	2014	50,000	0	50,000																																																																																																																																																																																																				
		Revenue																																																																																																																																																																																																																														
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																													
2014	50,000	0	50,000																																																																																																																																																																																																																													
<b>Related Projects</b>				<b>Operating Budget Impact</b>																																																																																																																																																																																																																												
				<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																																																																																																																																																																																																																													
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>																																																																																																																																																																																																																												

2007	January 1, 2021	Growth: 100.0 % Maintenance: 0.0 %	Michael Cooke	2021`
------	-----------------	------------------------------------	---------------	-------



# Project Version Summary

<b>Project #</b>	OPS-001-18	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transportation Planning
<b>Title</b>	School Neighbourhood Policy		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7202008				COMMITMENT: CR464/2020, S 56/2020- \$7,003 F169 2022												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		5475 Non-Tendered Construction Cost												
		<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	0	0	150,000	150,000	40,000	50,000	50,000	50,000	100,000	100,000	107,800	797,800	
2022	150,000	150,000	0	0	0	150,000	150,000	40,000	50,000	50,000	50,000	100,000	100,000	107,800	797,800	
2023	150,000	150,000	0	0	0	150,000	150,000	40,000	50,000	50,000	50,000	100,000	100,000	107,800	797,800	
2024	40,000	40,000	0	0	0	150,000	150,000	40,000	50,000	50,000	50,000	100,000	100,000	107,800	797,800	
2025	50,000	50,000	0	0	0	150,000	150,000	40,000	50,000	50,000	50,000	100,000	100,000	107,800	797,800	
2026	50,000	50,000	0	0	0	150,000	150,000	40,000	50,000	50,000	50,000	100,000	100,000	107,800	797,800	
2027	50,000	50,000	0	0	0	150,000	150,000	40,000	50,000	50,000	50,000	100,000	100,000	107,800	797,800	
2028	100,000	100,000	0	0	0	150,000	150,000	40,000	50,000	50,000	50,000	100,000	100,000	107,800	797,800	
2029	100,000	100,000	0	0	0	150,000	150,000	40,000	50,000	50,000	50,000	100,000	100,000	107,800	797,800	
2030	107,800	107,800	0	0	0	150,000	150,000	40,000	50,000	50,000	50,000	100,000	100,000	107,800	797,800	
	<b>797,800</b>	<b>797,800</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>									<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	The addition of signage including controllable flashing signs have associated on-going maintenance costs									0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>							
2018	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		John Revell					Ongoing							



# Project Version Summary

<b>Project #</b>	OPS-001-19	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transportation Planning
<b>Title</b>	Pedestrian Crossovers		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																														
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.																																																																																																																																																																																																																														
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																														
7191010				COMMITMENT: CR248/2019 C 79/2019 ICIP Public Transit (ICIP-WIN-005) 2019 F169 \$60,008																																																																																																																																																																																																																														
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																														
				<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td><b>Year</b></td> <td><b>Total Expense</b></td> <td><b>Net City Cost</b></td> <td><b>Subsidies</b></td> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>2021</td> <td>164,993</td> <td>0</td> <td>164,993</td> <td>5410</td> <td colspan="11">Construction Contracts - TCA</td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>164,993</td> <td>0</td> <td>0</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>464,993</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>Total</td> <td>164,993</td> <td>0</td> <td>0</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>464,993</td> </tr> <tr> <td>2024</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>2025</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td>169</td> <td colspan="11">Pay As You Go - Capital Reserve</td> </tr> <tr> <td>2026</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>300,000</td> </tr> <tr> <td>2027</td> <td>0</td> <td>0</td> <td>0</td> <td>6310</td> <td colspan="11">Ontario Specific Grants</td> </tr> <tr> <td>2028</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td></td> <td>74,993</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>0</td> <td>74,993</td> </tr> <tr> <td>2029</td> <td>0</td> <td>0</td> <td>0</td> <td>6320</td> <td colspan="11">Canada Specific Grants</td> </tr> <tr> <td>2030</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>90,000</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>0</td> <td>90,000</td> </tr> <tr> <td></td> <td><b>464,993</b></td> <td><b>300,000</b></td> <td><b>164,993</b></td> <td></td> <td>Total</td> <td>164,993</td> <td>0</td> <td>0</td> <td>100,000</td> <td>100,000</td> <td>0</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>464,993</td> </tr> </tbody> </table>															Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												2021	164,993	0	164,993	5410	Construction Contracts - TCA											2022	0	0	0		164,993	0	0	100,000	100,000	0	0	100,000	0	0	464,993	2023	0	0	0		Total	164,993	0	0	100,000	100,000	0	0	100,000	0	0	464,993	2024	100,000	100,000	0	<b>Revenues</b>												2025	100,000	100,000	0	169	Pay As You Go - Capital Reserve											2026	0	0	0		0	0	0	100,000	100,000	0	0	100,000	0	0	300,000	2027	0	0	0	6310	Ontario Specific Grants											2028	100,000	100,000	0		74,993	0	0	0	0	0	0	0	0	0	74,993	2029	0	0	0	6320	Canada Specific Grants											2030	0	0	0		90,000	0	0	0	0	0	0	0	0	0	90,000		<b>464,993</b>	<b>300,000</b>	<b>164,993</b>		Total	164,993	0	0	100,000	100,000	0	0	100,000	0	0	464,993
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																			
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>																																																																																																																																																																																																																														
2021	164,993	0	164,993	5410	Construction Contracts - TCA																																																																																																																																																																																																																													
2022	0	0	0		164,993	0	0	100,000	100,000	0	0	100,000	0	0	464,993																																																																																																																																																																																																																			
2023	0	0	0		Total	164,993	0	0	100,000	100,000	0	0	100,000	0	0	464,993																																																																																																																																																																																																																		
2024	100,000	100,000	0	<b>Revenues</b>																																																																																																																																																																																																																														
2025	100,000	100,000	0	169	Pay As You Go - Capital Reserve																																																																																																																																																																																																																													
2026	0	0	0		0	0	0	100,000	100,000	0	0	100,000	0	0	300,000																																																																																																																																																																																																																			
2027	0	0	0	6310	Ontario Specific Grants																																																																																																																																																																																																																													
2028	100,000	100,000	0		74,993	0	0	0	0	0	0	0	0	0	74,993																																																																																																																																																																																																																			
2029	0	0	0	6320	Canada Specific Grants																																																																																																																																																																																																																													
2030	0	0	0		90,000	0	0	0	0	0	0	0	0	0	90,000																																																																																																																																																																																																																			
	<b>464,993</b>	<b>300,000</b>	<b>164,993</b>		Total	164,993	0	0	100,000	100,000	0	0	100,000	0	0	464,993																																																																																																																																																																																																																		
<b>Historical Approved Budget</b>																																																																																																																																																																																																																																		
				<table border="1"> <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>200,000</td> <td>200,000</td> <td>0</td> </tr> </tbody> </table>													Year	Total Expense	Net City Cost	Subsidies	2019	200,000	200,000	0																																																																																																																																																																																																										
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																																															
2019	200,000	200,000	0																																																																																																																																																																																																																															
<b>Related Projects</b>				<b>Operating Budget Impact</b>																																																																																																																																																																																																																														
				<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>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.</td> <td>0</td> <td>0</td> </tr> </tbody> </table>													Effective Date	Description	Exp/(Rev)	FTE Impact	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																																																																																																																																																																																																										
Effective Date	Description	Exp/(Rev)	FTE Impact																																																																																																																																																																																																																															
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																																																																																																																																																																																																																															
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>																																																																																																																																																																																																																														

2019	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %	John Revell	Ongoing`
------	-----------------	------------------------------------	-------------	----------



# Project Version Summary

<b>Project #</b>	OPS-003-14	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transportation Planning
<b>Title</b>	University Avenue Environmental Assessment Placeholder		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 2, Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.				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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7144008/7149000 (closed)				COMMITMENT: B30/2019 - C 53/2019 - 2023 F221 \$401,000 - 2024 F169 \$125,00 - 2024 F221 \$475,000												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Expenses</b>												
		<b>Net City Cost</b>	<b>Subsidies</b>	5410	Construction Contracts - TCA											
2021	0	0	0		0	0	401,000	850,000	0	0	0	0	0	0	1,251,000	
2022	0	0	0		0	0	401,000	850,000	0	0	0	0	0	0	1,251,000	
2023	401,000	401,000	0		0	0	401,000	850,000	0	0	0	0	0	0	1,251,000	
2024	850,000	850,000	0		0	0	401,000	850,000	0	0	0	0	0	0	1,251,000	
2025	0	0	0	<b>Revenues</b>												
2026	0	0	0	169	Pay As You Go - Capital Reserve											
2027	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
2028	0	0	0	169CF	Committed Funding											
2029	0	0	0		0	0	0	125,000	0	0	0	0	0	0	125,000	
2030	0	0	0	221	Service Sustainability Investm											
					0	0	0	250,000	0	0	0	0	0	0	250,000	
	<b>1,251,000</b>	<b>1,251,000</b>	<b>0</b>	221CF	Committed Funding											
					0	0	401,000	475,000	0	0	0	0	0	0	876,000	
					0	0	401,000	850,000	0	0	0	0	0	0	1,251,000	
<b>Historical Approved Budget</b>																
				<b>Operating Budget Impact</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>		<b>Effective Date</b>	<b>Description</b>								<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
2018	5,000,000	5,000,000	0	Unknown	The results of the ESR could influence the on-going operating expenses								0	0		
<b>Related Projects</b>																
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2014	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	John Revell	2018`												



# Project Version Summary

<b>Project #</b>	OPS-007-16	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transportation Planning
<b>Title</b>	Cabana Rd. Pavement Markings		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Roads Infrastructure		
<b>Wards</b>	Ward 1, Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																			
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.																																																																																																																																																																																																			
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																			
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th colspan="2"></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr><td>2021</td><td>0</td><td>0</td><td>0</td><td colspan="2"></td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td><td colspan="2"></td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td><td colspan="2"></td></tr> <tr><td>2024</td><td>110,000</td><td>110,000</td><td>0</td><td colspan="2"></td></tr> <tr><td>2025</td><td>0</td><td>0</td><td>0</td><td colspan="2"></td></tr> <tr><td>2026</td><td>0</td><td>0</td><td>0</td><td colspan="2"></td></tr> <tr><td>2027</td><td>0</td><td>0</td><td>0</td><td colspan="2"></td></tr> <tr><td>2028</td><td>110,000</td><td>110,000</td><td>0</td><td colspan="2"></td></tr> <tr><td>2029</td><td>0</td><td>0</td><td>0</td><td colspan="2"></td></tr> <tr><td>2030</td><td>0</td><td>0</td><td>0</td><td colspan="2"></td></tr> <tr><td></td><td><b>220,000</b></td><td><b>220,000</b></td><td><b>0</b></td><td colspan="2"></td></tr> </tbody> </table>						Revenue				Year	Total Expense	Net City Cost	Subsidies			2021	0	0	0			2022	0	0	0			2023	0	0	0			2024	110,000	110,000	0			2025	0	0	0			2026	0	0	0			2027	0	0	0			2028	110,000	110,000	0			2029	0	0	0			2030	0	0	0				<b>220,000</b>	<b>220,000</b>	<b>0</b>			<table border="1"> <thead> <tr> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>5410</td> <td colspan="11">Construction Contracts - TCA</td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>110,000</td> <td>0</td> <td>0</td> <td>0</td> <td>110,000</td> <td>0</td> <td>0</td> <td>220,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>110,000</td> <td>0</td> <td>0</td> <td>0</td> <td>110,000</td> <td>0</td> <td>0</td> <td>220,000</td> </tr> <tr> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>221</td> <td colspan="11">Service Sustainability Investm</td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>110,000</td> <td>0</td> <td>0</td> <td>0</td> <td>110,000</td> <td>0</td> <td>0</td> <td>220,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>110,000</td> <td>0</td> <td>0</td> <td>0</td> <td>110,000</td> <td>0</td> <td>0</td> <td>220,000</td> </tr> </tbody> </table>										GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>												5410	Construction Contracts - TCA												0	0	0	110,000	0	0	0	110,000	0	0	220,000	Total	0	0	0	110,000	0	0	0	110,000	0	0	220,000	<b>Revenues</b>												221	Service Sustainability Investm												0	0	0	110,000	0	0	0	110,000	0	0	220,000	Total	0	0	0	110,000	0	0	0	110,000	0	0	220,000
		Revenue																																																																																																																																																																																																					
Year	Total Expense	Net City Cost	Subsidies																																																																																																																																																																																																				
2021	0	0	0																																																																																																																																																																																																				
2022	0	0	0																																																																																																																																																																																																				
2023	0	0	0																																																																																																																																																																																																				
2024	110,000	110,000	0																																																																																																																																																																																																				
2025	0	0	0																																																																																																																																																																																																				
2026	0	0	0																																																																																																																																																																																																				
2027	0	0	0																																																																																																																																																																																																				
2028	110,000	110,000	0																																																																																																																																																																																																				
2029	0	0	0																																																																																																																																																																																																				
2030	0	0	0																																																																																																																																																																																																				
	<b>220,000</b>	<b>220,000</b>	<b>0</b>																																																																																																																																																																																																				
GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																												
<b>Expenses</b>																																																																																																																																																																																																							
5410	Construction Contracts - TCA																																																																																																																																																																																																						
	0	0	0	110,000	0	0	0	110,000	0	0	220,000																																																																																																																																																																																												
Total	0	0	0	110,000	0	0	0	110,000	0	0	220,000																																																																																																																																																																																												
<b>Revenues</b>																																																																																																																																																																																																							
221	Service Sustainability Investm																																																																																																																																																																																																						
	0	0	0	110,000	0	0	0	110,000	0	0	220,000																																																																																																																																																																																												
Total	0	0	0	110,000	0	0	0	110,000	0	0	220,000																																																																																																																																																																																												
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>																																																																																																																																																																																																			
<b>Related Projects</b>				<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																																																																																																																																																																																																				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>																																																																																																																																																																																																			
2016	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %	John Revell	Every 5 Years																																																																																																																																																																																																			



## Project Version Summary

<b>Project #</b>	OPS-009-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transportation Planning
<b>Title</b>	Transportation Planning Environmental Study Reports (ESRs)		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>Ongoing allocation to provide funds for Environmental Study Reports (ESR) as approved by CR148/2001.</p> <p>The list of upcoming ESRs (alpha order) are:</p> <ul style="list-style-type: none"> <li>-Central (Tesumseh to E.C. Row Expressway)</li> <li>-E.C. Row Expressway</li> <li>-Jefferson (Rose to to Airport Lands)</li> <li>-Lauzon Road (Tecumseh Road East to Forest Glade Drive)</li> <li>-Ojibway Parkway (MTO Jurisdiction to Morton Drive)</li> <li>-Transportation Master Plan</li> <li>-Truck Route Study</li> <li>-Wyandotte Street East Extension (Jarvis to Banwell)</li> </ul>	<p>ESRs typically extend beyond one year in duration (range from \$70,000 - \$500,000 per study).</p> <p>Note: Annual budgets may need to be accumulated in order to initiate a typical ESR if the cost is significant.</p>
Project Comments/Reference	Version Comments
7086010	

Project Forecast				Project Detailed Forecast											
Year	Total Expense	Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
		Net City Cost	Subsidies												
2021	225,000	225,000	0	<b>Expenses</b>											
2022	100,000	100,000	0	2950	Other Prof Services-External										
2023	100,000	100,000	0		225,000	100,000	100,000	100,000	100,000	100,000	0	0	0	0	725,000
2024	100,000	100,000	0		Total	225,000	100,000	100,000	100,000	100,000	0	0	0	0	725,000
2025	100,000	100,000	0	<b>Revenues</b>											
2026	100,000	100,000	0	169	Pay As You Go - Capital Reserve										
2027	0	0	0		56,250	25,000	25,000	25,000	25,000	25,000	0	0	0	0	181,250
2028	0	0	0	221	Service Sustainability Investm										
2029	0	0	0		168,750	75,000	75,000	75,000	75,000	75,000	0	0	0	0	543,750
2030	0	0	0		Total	225,000	100,000	100,000	100,000	100,000	0	0	0	0	725,000
	<b>725,000</b>	<b>725,000</b>	<b>0</b>												
Historical Approved Budget															
Year	Total Expense	Revenue													
		Net City Cost	Subsidies												
2007	200,000	200,000	0												
2008	200,000	200,000	0												
2009	200,000	200,000	0												
2011	250,000	250,000	0												
2012	100,000	100,000	0												
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												
2020	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 2021		Project Lead					Est. Completion Date						
2007	January 2, 2015	Growth: 25.0 % Maintenance: 75.0 %		John Revell					Ongoing`						



## Project Version Summary

<b>Project #</b>	OPS-014-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transportation Planning
<b>Title</b>	Citywide Bikeway Development Initiatives		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></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 &amp; 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><b>Version Description</b></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><b>Project Comments/Reference</b></p> <p>(Closed: 7086009,7092024-ISF) Active: 7111031</p>	<p><b>Version Comments</b></p> <p>2013 &amp; 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>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	400,000	400,000	0	5410	Construction Contracts - TCA										
2022	200,000	200,000	0		400,000	200,000	200,000	400,000	400,000	400,000	100,000	100,000	100,000	100,000	2,400,000
2023	200,000	200,000	0		Total	400,000	200,000	200,000	400,000	400,000	100,000	100,000	100,000	100,000	2,400,000
2024	400,000	400,000	0	Revenues											
2025	400,000	400,000	0	176	Federal Gas Tax Rebate										
2026	400,000	400,000	0		400,000	200,000	200,000	400,000	400,000	400,000	100,000	100,000	100,000	100,000	2,400,000
2027	100,000	100,000	0		Total	400,000	200,000	200,000	400,000	400,000	100,000	100,000	100,000	100,000	2,400,000
2028	100,000	100,000	0												
2029	100,000	100,000	0												
2030	100,000	100,000	0												
	<b>2,400,000</b>	<b>2,400,000</b>	<b>0</b>												
Historical Approved Budget															
		Revenue													
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												
2020	500,000	500,000	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, streescaping, winter maintenance, etc.							0	0		
Year Identified	Start Date	Project Type for 2021		Project Lead					Est. Completion Date						
2007	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %		Juan Paramo					Ongoing`						



## Project Version Summary

<b>Project #</b>	OPS-021-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transportation Planning
<b>Title</b>	Traffic Calming Initiatives		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Transportation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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.</p>	<p>The magnitude of the prioritized traffic calming plans and available funding will dictate the implementation schedule. The current existing balance in the project is: \$100,000. Those funds are ear marked for an already established queue of outstanding traffic calming requests.</p> <p>Proposed Temporary Traffic Calming Measures Initiative</p> <p>The request is for \$100,000 in 2021 specifically for the pilot Traffic Calming Initiatives as per the following: CR261/2020 directs Administration to provide an expedited process for temporary traffic calming as part of the upcoming Traffic Calming Policy update, and to refer report S 58/2020 "Temporary Traffic Calming Measures (CQ14-2019 CQ15-2019)" to budget. This capital project would provide funding for lower-impact, lower-cost temporary traffic calming measures at locations identified by each ward Councillor, subject to criteria identified in the updated Traffic Calming Policy, provided that Council has approved such policy update prior to budget deliberations. The proposed funding amount (\$100,000) would provide a budget of \$10,000 per ward for temporary traffic calming measures. Funds would cover provision of and set up of items such as radar speeds feedback signs and centre line signage for temporary road narrowing.</p>
Project Comments/Reference	Version Comments
<p>7069022 7211020-Expedited Traffic Calming</p>	

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	200,000	200,000	0	2950	Other Prof Services-External										
2022	0	0	0		200,000	0	0	0	0	0	0	100,000	0	0	300,000
2023	0	0	0		Total	200,000	0	0	0	0	0	100,000	0	0	300,000
2024	0	0	0	Revenues											
2025	0	0	0	160	Capital Expenditure Reserve										
2026	0	0	0		0	0	0	0	0	0	0	100,000	0	0	100,000
2027	0	0	0	176	Federal Gas Tax Rebate										
2028	100,000	100,000	0		200,000	0	0	0	0	0	0	0	0	0	200,000
2029	0	0	0		Total	200,000	0	0	0	0	0	100,000	0	0	300,000
2030	0	0	0												
	<b>300,000</b>	<b>300,000</b>	<b>0</b>												
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												
2020	206,000	206,000	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 2021		Project Lead				Est. Completion Date							
2007	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %		Jeff Hagan				Ongoing							



# Project Version Summary

<b>Project #</b>	ECB-042-18	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Urban Design
<b>Title</b>	Theme Districting - Downtown, Sandwich, Walkerville, Riverside, Ford City, Asian Town		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7186001- Theme Districting 7211016- Hiram Walker Parkette	COMMITMENT: CR123/2018 C 20/2018 - 2021 F160 \$500,000 - 2021 F169 \$196,000 - 2022 F169 \$300,000. PLACEHOLDER: B56/2017 C 217/2016 - 2021 F169 \$250,000 B73/2018 2018 Enhanced Capital Budget - 2023 F169 \$3,595,000

<b>Project Forecast</b>	<b>Project Detailed Forecast</b>																																																																																																																																																														
<table border="1"> <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>2021</td><td>946,000</td><td>946,000</td><td>0</td></tr> <tr><td>2022</td><td>300,000</td><td>300,000</td><td>0</td></tr> <tr><td>2023</td><td>3,595,000</td><td>3,595,000</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>0</td><td>0</td><td>0</td></tr> <tr><td>2029</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2030</td><td>0</td><td>0</td><td>0</td></tr> <tr><td><b>Total</b></td><td><b>4,841,000</b></td><td><b>4,841,000</b></td><td><b>0</b></td></tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2021	946,000	946,000	0	2022	300,000	300,000	0	2023	3,595,000	3,595,000	0	2024	0	0	0	2025	0	0	0	2026	0	0	0	2027	0	0	0	2028	0	0	0	2029	0	0	0	2030	0	0	0	<b>Total</b>	<b>4,841,000</b>	<b>4,841,000</b>	<b>0</b>	<table border="1"> <thead> <tr> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td>946,000</td> <td>300,000</td> <td>3,595,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>4,841,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>946,000</b></td> <td><b>300,000</b></td> <td><b>3,595,000</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>4,841,000</b></td> </tr> <tr> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>160CF Committed Funding</td> <td>500,000</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>0</td> <td>500,000</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>0</td> </tr> <tr> <td>169CF Committed Funding</td> <td>446,000</td> <td>300,000</td> <td>3,595,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>4,341,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>946,000</b></td> <td><b>300,000</b></td> <td><b>3,595,000</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>4,841,000</b></td> </tr> </tbody> </table>	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>												5410 Construction Contracts - TCA	946,000	300,000	3,595,000	0	0	0	0	0	0	0	4,841,000	<b>Total</b>	<b>946,000</b>	<b>300,000</b>	<b>3,595,000</b>	<b>0</b>	<b>4,841,000</b>	<b>Revenues</b>												160CF Committed Funding	500,000	0	0	0	0	0	0	0	0	0	500,000	169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0	169CF Committed Funding	446,000	300,000	3,595,000	0	0	0	0	0	0	0	4,341,000	<b>Total</b>	<b>946,000</b>	<b>300,000</b>	<b>3,595,000</b>	<b>0</b>	<b>4,841,000</b>												
Year			Total Expense	Revenue																																																																																																																																																											
	Net City Cost	Subsidies																																																																																																																																																													
2021	946,000	946,000	0																																																																																																																																																												
2022	300,000	300,000	0																																																																																																																																																												
2023	3,595,000	3,595,000	0																																																																																																																																																												
2024	0	0	0																																																																																																																																																												
2025	0	0	0																																																																																																																																																												
2026	0	0	0																																																																																																																																																												
2027	0	0	0																																																																																																																																																												
2028	0	0	0																																																																																																																																																												
2029	0	0	0																																																																																																																																																												
2030	0	0	0																																																																																																																																																												
<b>Total</b>	<b>4,841,000</b>	<b>4,841,000</b>	<b>0</b>																																																																																																																																																												
GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																				
<b>Expenses</b>																																																																																																																																																															
5410 Construction Contracts - TCA	946,000	300,000	3,595,000	0	0	0	0	0	0	0	4,841,000																																																																																																																																																				
<b>Total</b>	<b>946,000</b>	<b>300,000</b>	<b>3,595,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,841,000</b>																																																																																																																																																				
<b>Revenues</b>																																																																																																																																																															
160CF Committed Funding	500,000	0	0	0	0	0	0	0	0	0	500,000																																																																																																																																																				
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																				
169CF Committed Funding	446,000	300,000	3,595,000	0	0	0	0	0	0	0	4,341,000																																																																																																																																																				
<b>Total</b>	<b>946,000</b>	<b>300,000</b>	<b>3,595,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,841,000</b>																																																																																																																																																				

<b>Historical Approved Budget</b>															
<table border="1"> <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>2019</td><td>175,000</td><td>175,000</td><td>0</td></tr> <tr><td>2020</td><td>234,000</td><td>234,000</td><td>0</td></tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2019	175,000	175,000	0	2020	234,000	234,000	0	
Year			Total Expense	Revenue											
	Net City Cost	Subsidies													
2019	175,000	175,000	0												
2020	234,000	234,000	0												

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2018	March 1, 2018	Growth: 100.0 % Maintenance: 0.0 %	Neil Robertson	TBD`



# Project Version Summary

<b>Project #</b>	PBG-001-21	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Urban Design
<b>Title</b>	Affordable Housing Community Improvement Plan Incentives		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																																																																																				
This funding is for the financial incentive programs that will be developed as part of the affordable Housing CIP.				On August 24, 2020, Council directed staff to begin the process for the creation of an Affordable Housing Community Improvement Plan (CR425/2020 DHSC 179). The Affordable Housing Community Improvement Plan (CIP) was directed in response to a Council Question and was not part of the departmental work plan. The creation of the CIP will be funded from an existing fund for development of such plans.																																																																																																																																																																																																																				
<b>Project Comments/Reference</b>				<b>Version Comments</b>																																																																																																																																																																																																																				
				Based on high-level estimates, this will cost approximately a total of \$900,000. This amount is based on an average of \$3,000 per unit in incentives with a target of 300 units over 10 years. Implementation will be undertaken on a priority basis as funding and resources allow.																																																																																																																																																																																																																				
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																																																																																																																																																																																																																				
				<table border="1"> <thead> <tr> <th colspan="4">Revenue</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td><b>Year</b></td> <td><b>Total Expense</b></td> <td><b>Net City Cost</b></td> <td><b>Subsidies</b></td> <td colspan="12"><b>Expenses</b></td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> <td>5410</td> <td colspan="10">Construction Contracts - TCA</td> <td></td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>250,000</td> <td>0</td> <td>250,000</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>250,000</td> <td>0</td> <td>250,000</td> </tr> <tr> <td>2024</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>250,000</td> <td>0</td> <td>250,000</td> </tr> <tr> <td>2025</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="12"><b>Revenues</b></td> </tr> <tr> <td>2026</td> <td>0</td> <td>0</td> <td>0</td> <td>169</td> <td colspan="10">Pay As You Go - Capital Reserve</td> <td></td> </tr> <tr> <td>2027</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>250,000</td> <td>0</td> <td>250,000</td> </tr> <tr> <td>2028</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>250,000</td> <td>0</td> <td>250,000</td> </tr> <tr> <td>2029</td> <td>250,000</td> <td>250,000</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>250,000</td> <td>0</td> <td>250,000</td> </tr> <tr> <td>2030</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>250,000</td> <td>0</td> <td>250,000</td> </tr> <tr> <td></td> <td><b>250,000</b></td> <td><b>250,000</b></td> <td><b>0</b></td> <td></td> </tr> </tbody> </table>													Revenue				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												2021	0	0	0	5410	Construction Contracts - TCA											2022	0	0	0		0	0	0	0	0	0	0	250,000	0	250,000	2023	0	0	0		0	0	0	0	0	0	0	250,000	0	250,000	2024	0	0	0		0	0	0	0	0	0	0	250,000	0	250,000	2025	0	0	0	<b>Revenues</b>												2026	0	0	0	169	Pay As You Go - Capital Reserve											2027	0	0	0		0	0	0	0	0	0	0	250,000	0	250,000	2028	0	0	0		0	0	0	0	0	0	0	250,000	0	250,000	2029	250,000	250,000	0		0	0	0	0	0	0	0	250,000	0	250,000	2030	0	0	0		0	0	0	0	0	0	0	250,000	0	250,000		<b>250,000</b>	<b>250,000</b>	<b>0</b>											
Revenue				GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																									
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>																																																																																																																																																																																																																				
2021	0	0	0	5410	Construction Contracts - TCA																																																																																																																																																																																																																			
2022	0	0	0		0	0	0	0	0	0	0	250,000	0	250,000																																																																																																																																																																																																										
2023	0	0	0		0	0	0	0	0	0	0	250,000	0	250,000																																																																																																																																																																																																										
2024	0	0	0		0	0	0	0	0	0	0	250,000	0	250,000																																																																																																																																																																																																										
2025	0	0	0	<b>Revenues</b>																																																																																																																																																																																																																				
2026	0	0	0	169	Pay As You Go - Capital Reserve																																																																																																																																																																																																																			
2027	0	0	0		0	0	0	0	0	0	0	250,000	0	250,000																																																																																																																																																																																																										
2028	0	0	0		0	0	0	0	0	0	0	250,000	0	250,000																																																																																																																																																																																																										
2029	250,000	250,000	0		0	0	0	0	0	0	0	250,000	0	250,000																																																																																																																																																																																																										
2030	0	0	0		0	0	0	0	0	0	0	250,000	0	250,000																																																																																																																																																																																																										
	<b>250,000</b>	<b>250,000</b>	<b>0</b>																																																																																																																																																																																																																					
<b>Historical Approved Budget</b>																																																																																																																																																																																																																								
<b>Related Projects</b>				<b>Operating Budget Impact</b>																																																																																																																																																																																																																				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>																																																																																																																																																																																																															
2021		Growth: 0.0 % Maintenance: 0.0 %		Neil Robertson																																																																																																																																																																																																																				



# Project Version Summary

<b>Project #</b>	PBG-002-21	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Urban Design
<b>Title</b>	University Avenue West/Wyandotte St West CIP Incentives		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	Ward 2, Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
				On November 18, 2019, Council directed staff to begin the process for the creation of a Community Improvement Plan (CIP) for the University Ave./Wyandotte St W. corridors (CR561/2019). The University Ave./Wyandotte St W. Community Improvement Plan (CIP) was directed in response to a Council Question and was not part of the departmental work plan. The creation the CIP will be funded from an existing fund for development of such plans.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
				This funding request is for the financial incentive programs that will be developed as part of the CIP. Based on high-level estimates, this will cost approximately a total of \$550,000. This amount is based on an average of \$50,000 for medium size development project (7 projects) + \$60,000 for facades (10 @\$20,000). Implementation will be undertaken on a priority basis as funding and resources allow.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>											
2021	0	0	0	5410	Construction Contracts - TCA										
2022	0	0	0		0	0	0	0	0	0	0	0	100,000	0	100,000
2023	0	0	0	Total	0	0	0	0	0	0	0	0	100,000	0	100,000
2024	0	0	0	<b>Revenues</b>											
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	0	100,000
2027	0	0	0	Total	0	0	0	0	0	0	0	0	100,000	0	100,000
2028	0	0	0												
2029	100,000	100,000	0												
2030	0	0	0												
	<b>100,000</b>	<b>100,000</b>	<b>0</b>												
<b>Historical Approved Budget</b>															
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>		<b>Project Lead</b>					<b>Est. Completion Date</b>						
2021		Growth: 0.0 % Maintenance: 0.0 %		Neil Robertson											



# Project Version Summary

<b>Project #</b>	PBG-003-21	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Urban Design
<b>Title</b>	Ford City CIP		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	Ward 5		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Provides funding for the Ford City District CIP incentive programs.				Since 2019, Council has approved eight (8) applications for financial incentives in Ford City. There are currently six (6) pending grant applications that will draw from the current balance of \$148,305.  This funding request is to replenish the existing financial incentive programs that are offered by the CIP.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7181046				The Ford City Community Improvement Plan was approved in 2018 (CR625/2018), at which time Council transferred \$250,000 from the Brownfield Redevelopment Strategy and CIP account for the purposes of providing initial funding for the Ford City CIP financial incentive programs.												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Revenue</b>				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	5410 Construction Contracts - TCA												
2022	0	0	0	0 0 0 0 0 0 0 0 0 100,000 0 100,000												
2023	0	0	0	Total 0 0 0 0 0 0 0 0 0 100,000 0 100,000												
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169 Pay As You Go - Capital Reserve												
2026	0	0	0	0 0 0 0 0 0 0 100,000 0 100,000												
2027	0	0	0	Total 0 0 0 0 0 0 0 100,000 0 100,000												
2028	0	0	0													
2029	100,000	100,000	0													
2030	0	0	0													
<b>100,000</b>				<b>100,000</b>												
<b>0</b>																
<b>Historical Approved Budget</b>																
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												
2021		Growth: 0.0 % Maintenance: 0.0 %	Neil Robertson													



# Project Version Summary

<b>Project #</b>	PBG-004-21	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Urban Design
<b>Title</b>	Sandwich Community Development Plan		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
	<p>The Sandwich CIP was adopted by City Council on January 26, 2009 with the financial incentive programs being made available on June 17, 2013. Since then, fifteen (15) Economic Incentive Applications have been approved by City Council, with nine of these coming since 2019.</p> <p>Additional, Council directed an update for the Sandwich CIP as a result of the CQ28-2018 response (CR504/2019). Two things were highlighted in that report: 1) that there will likely be additional financial incentive programs developed; and, 2) that based on the most recent trend in new applications, it is likely the Planning Department will need to request additional funds as part of the 2021 capital budget.</p> <p>The current uncommitted balance is \$112,000, which should be sufficient for 2021. This funding request is to replenish the existing financial incentive programs that are offered by the CIP.</p>

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7076176	

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
				<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
				<b>Expenses</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>														
		<b>Net City Cost</b>	<b>Subsidies</b>													
2021	0	0	0	5410	Construction Contracts - TCA											
2022	0	0	0		0	0	0	0	0	0	0	0	100,000	0	100,000	
2023	0	0	0		Total	0	0	0	0	0	0	0	100,000	0	100,000	
2024	0	0	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		0	0	0	0	0	0	0	100,000	0	100,000		
2027	0	0	0		Total	0	0	0	0	0	0	100,000	0	100,000		
2028	0	0	0													
2029	100,000	100,000	0													
2030	0	0	0													
	<b>100,000</b>	<b>100,000</b>	<b>0</b>													

<b>Historical Approved Budget</b>	
-----------------------------------	--

<b>Related Projects</b>	<b>Operating Budget Impact</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2021		Growth: 0.0 % Maintenance: 0.0 %	Neil Robertson	



# Project Version Summary

<b>Project #</b>	PLN-005-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Urban Design
<b>Title</b>	Planning & Building E-Plan & E-Permit Review and Implementation		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
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.

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7171028	

<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		Revenue		<b>GL Account</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2021	0	0	0	5410	Construction Contracts - TCA											
2022	0	0	0		0	0	28,140	0	0	0	0	0	0	0	28,140	
2023	0	0	0	Total	0	0	0	28,140	0	0	0	0	0	0	28,140	
2024	28,140	28,140	0	<b>Revenues</b>												
2025	0	0	0	169	Pay As You Go - Capital Reserve											
2026	0	0	0		0	0	28,140	0	0	0	0	0	0	0	28,140	
2027	0	0	0	Total	0	0	0	28,140	0	0	0	0	0	0	28,140	
2028	0	0	0													
2029	0	0	0													
2030	0	0	0													
	<b>28,140</b>	<b>28,140</b>	<b>0</b>													

<b>Historical Approved Budget</b>			
		Revenue	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>
2017	88,000	88,000	0
2018	210,000	210,000	0
2019	323,000	323,000	0
2020	1,717,000	1,717,000	0

Related Projects		Operating Budget Impact		
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date
2007	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %	John Revell/Neil Robertson	2020+'



# Project Version Summary

<b>Project #</b>	PLN-012-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Urban Design
<b>Title</b>	City Centre Community Development Plan		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<b>Version Description</b>
The program's aim is to maximize a positive investment climate for diverse land uses downtown. The 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.	<p>On October 16, 2017, Council adopted the Downtown Windsor Enhancement Strategy and Community Improvement Plan (Downtown CIP). The financial incentives included in the CIP have been available for 3 years come November 14, 2020. There have been twenty (20) financial incentive applications approved under the CIP, with 17 of them accessing the original \$724,000 that was budgeted or transferred in from council approved sources and made available to fund the incentive programs. Three additional applications took advantage of the tax increment funding program exclusively.</p> <p>Additionally, Council approved a new program offered under the Downtown CIP on July 13, 2020 (CR346/2020 DHSC 170). The new program will be modelled after the residential grant program included in the Ford City CIP.</p> <p>This current funding request is to replenish the existing financial incentive programs offered by the CIP.</p>

<b>Project Comments/Reference</b>	<b>Version Comments</b>
7011022	Further future funding requests may be tabled as well as a program continuation review should the existing balance dwindle.

<b>Project Forecast</b>	<b>Project Detailed Forecast</b>																																																																																																																																																																																																																																													
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th colspan="10"></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th>GL Account</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>2029</th> <th>2030</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="16"><b>Expenses</b></td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> <td>5410 Construction Contracts - TCA</td> <td></td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>500,000</td> <td>0</td> <td>0</td> <td>415,000</td> <td>250,000</td> <td>1,165,000</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>500,000</td> <td>0</td> <td>0</td> <td>415,000</td> <td>250,000</td> <td>1,165,000</td> </tr> <tr> <td colspan="16"><b>Revenues</b></td> </tr> <tr> <td>2024</td> <td>0</td> <td>0</td> <td>0</td> <td>169 Pay As You Go - Capital Reserve</td> <td></td> </tr> <tr> <td>2025</td> <td>0</td> <td>0</td> <td>0</td> <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>415,000</td> <td>250,000</td> <td>665,000</td> </tr> <tr> <td>2026</td> <td>500,000</td> <td>500,000</td> <td>0</td> <td>221 Service Sustainability Investm</td> <td></td> </tr> <tr> <td>2027</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>500,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>500,000</td> </tr> <tr> <td>2028</td> <td>0</td> <td>0</td> <td>0</td> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>500,000</td> <td>0</td> <td>0</td> <td>415,000</td> <td>250,000</td> <td>1,165,000</td> </tr> <tr> <td>2029</td> <td>415,000</td> <td>415,000</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td>2030</td> <td>250,000</td> <td>250,000</td> <td>0</td> <td colspan="12"></td> </tr> <tr> <td colspan="2"><b>1,165,000</b></td> <td><b>1,165,000</b></td> <td><b>0</b></td> <td colspan="12"></td> </tr> </tbody> </table>			Revenue												Year	Total Expense	Net City Cost	Subsidies	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total	<b>Expenses</b>																2021	0	0	0	5410 Construction Contracts - TCA												2022	0	0	0		0	0	0	0	0	500,000	0	0	415,000	250,000	1,165,000	2023	0	0	0	Total	0	0	0	0	0	500,000	0	0	415,000	250,000	1,165,000	<b>Revenues</b>																2024	0	0	0	169 Pay As You Go - Capital Reserve												2025	0	0	0		0	0	0	0	0	0	0	0	415,000	250,000	665,000	2026	500,000	500,000	0	221 Service Sustainability Investm												2027	0	0	0		0	0	0	0	0	500,000	0	0	0	0	500,000	2028	0	0	0	Total	0	0	0	0	0	500,000	0	0	415,000	250,000	1,165,000	2029	415,000	415,000	0													2030	250,000	250,000	0													<b>1,165,000</b>		<b>1,165,000</b>	<b>0</b>												
		Revenue																																																																																																																																																																																																																																												
Year	Total Expense	Net City Cost	Subsidies	GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total																																																																																																																																																																																																																															
<b>Expenses</b>																																																																																																																																																																																																																																														
2021	0	0	0	5410 Construction Contracts - TCA																																																																																																																																																																																																																																										
2022	0	0	0		0	0	0	0	0	500,000	0	0	415,000	250,000	1,165,000																																																																																																																																																																																																																															
2023	0	0	0	Total	0	0	0	0	0	500,000	0	0	415,000	250,000	1,165,000																																																																																																																																																																																																																															
<b>Revenues</b>																																																																																																																																																																																																																																														
2024	0	0	0	169 Pay As You Go - Capital Reserve																																																																																																																																																																																																																																										
2025	0	0	0		0	0	0	0	0	0	0	0	415,000	250,000	665,000																																																																																																																																																																																																																															
2026	500,000	500,000	0	221 Service Sustainability Investm																																																																																																																																																																																																																																										
2027	0	0	0		0	0	0	0	0	500,000	0	0	0	0	500,000																																																																																																																																																																																																																															
2028	0	0	0	Total	0	0	0	0	0	500,000	0	0	415,000	250,000	1,165,000																																																																																																																																																																																																																															
2029	415,000	415,000	0																																																																																																																																																																																																																																											
2030	250,000	250,000	0																																																																																																																																																																																																																																											
<b>1,165,000</b>		<b>1,165,000</b>	<b>0</b>																																																																																																																																																																																																																																											

<b>Historical Approved Budget</b>																	
<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>2009</td> <td>280,000</td> <td>280,000</td> <td>0</td> </tr> <tr> <td>2010</td> <td>200,000</td> <td>200,000</td> <td>0</td> </tr> </tbody> </table>			Revenue		Year	Total Expense	Net City Cost	Subsidies	2009	280,000	280,000	0	2010	200,000	200,000	0	
		Revenue															
Year	Total Expense	Net City Cost	Subsidies														
2009	280,000	280,000	0														
2010	200,000	200,000	0														

<b>Related Projects</b>	<b>Operating Budget Impact</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
	<table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating Budget Impact</td> </tr> </tbody> </table>	Effective Date	Description	Unknown	No Operating Budget Impact	0	0
Effective Date	Description						
Unknown	No Operating Budget Impact						

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2021</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2007	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %	Neil Robertson	2024 and Beyond



## Project Version Summary

<b>Project #</b>	PLN-018-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Urban Design
<b>Title</b>	Neighbourhood Studies and Design Guidelines		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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 and to address some of the more pressing planning/development related challenges facing Windsor. Past funding has been used to complete the production of Riverside Drive Vista Improvement Streetscape guidelines per CR364/2009 and the Ford City Community Improvement Plan. Complementary to the Site Plan Review Manual, the preparation of development guidelines for different areas of the City began in 2015.</p>	<p>Current and future funds will be used for the following projects:</p> <ol style="list-style-type: none"> <li>1) Business Improvement Areas Community Improvement Plan;</li> <li>2) The University Ave/Wyandotte St W. Community Improvement Plan;</li> <li>3) Prepare Design Guidelines for Infill Development;</li> <li>4) Comprehensive Sign Bylaw Review;</li> <li>5) Prepare Community Improvement Plans for targeted neighbourhoods;</li> <li>6) Develop &amp; adopt Design Guidelines &amp; Standards for Civic Ways &amp; Theme Streets;</li> <li>7) Develop City of Windsor Urban Design Manual; and</li> <li>8) Prepare targeted area Design Guidelines.</li> </ol> <p>Additional funding is being requested to ensure that the fund has enough to address the unanticipated planning studies/projects that often come about as new issues and challenges arise. The Affordable Housing and University Ave/Wyandotte St W. CIPs are a couple of examples that Council has prioritized in the past couple of years. This fund is the funding source for the development of the CIPs.</p>
Project Comments/Reference	Version Comments
7045003	

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	25,000	25,000	0	2950	Other Prof Services-External										
2022	0	0	0		25,000	0	0	0	0	0	0	0	0	0	25,000
2023	0	0	0	Total	25,000	0	0	0	0	0	0	0	0	0	25,000
2024	0	0	0	Revenues											
2025	0	0	0	169	Pay As You Go - Capital Reserve										
2026	0	0	0		25,000	0	0	0	0	0	0	0	0	0	25,000
2027	0	0	0	Total	25,000	0	0	0	0	0	0	0	0	0	25,000
2028	0	0	0												
2029	0	0	0												
2030	0	0	0												
<b>25,000</b>		<b>25,000</b>	<b>0</b>												
Historical Approved Budget															
		Revenue													
Year	Total Expense	Net City Cost	Subsidies												
2007	85,000	85,000	0												
2014	130,000	130,000	0												
2019	100,000	100,000	0												
2020	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 2021		Project Lead				Est. Completion Date							
2007	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %		Neil Robertson				2021`							



## Project Version Summary

<b>Project #</b>	PLN-021-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2021	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Urban Design
<b>Title</b>	City Hall Square and Civic Esplanade		
<b>Budget Status</b>	Council Approved Budget		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>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.</p> <p>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.</p>	<p><b>Version Description</b></p> <p>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.</p> <p>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.</p> <p>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.</p>
<p><b>Project Comments/Reference</b></p> <p>(7033086, 7161040 Closed) 7204004</p>	<p><b>Version Comments</b></p> <p>COMMITMENTS: CR422/2020, C 155/2020- 2021 F169-\$170,490 &amp; F221 \$136,510 for Phase 1 of the project.</p>

Project Forecast				Project Detailed Forecast											
		Revenue		GL Account	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses											
2021	1,050,000	1,050,000	0	5410	Construction Contracts - TCA										
2022	1,085,000	1,085,000	0		1,050,000	1,085,000	915,000	200,000	200,000	627,000	200,000	0	0	0	4,277,000
2023	915,000	915,000	0		Total	1,050,000	1,085,000	915,000	200,000	200,000	627,000	200,000	0	0	4,277,000
2024	200,000	200,000	0			0									
2025	200,000	200,000	0	Revenues											
2026	627,000	627,000	0	169	Pay As You Go - Capital Reserve										
2027	200,000	200,000	0		743,000	800,000	0	0	200,000	627,000	0	0	0	0	2,370,000
2028	0	0	0	169CF	Committed Funding										
2029	0	0	0		170,490	0	0	0	0	0	0	0	0	0	170,490
2030	0	0	0	221	Service Sustainability Investm										
	<b>4,277,000</b>	<b>4,277,000</b>	<b>0</b>		0	285,000	915,000	200,000	0	0	200,000	0	0	0	1,600,000
<b>Historical Approved Budget</b>				221CF	Committed Funding										
					136,510	0	0	0	0	0	0	0	0	0	136,510
					Total	1,050,000	1,085,000	915,000	200,000	200,000	627,000	200,000	0	0	4,277,000
						0									
Year	Total Expense	Net City Cost	Subsidies	Operating Budget Impact											
2009	65,000	65,000	0	Effective Date	Description									Exp/(Rev)	FTE Impact
2010	100,000	100,000	0	Unknown	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.								0	0	
2016	150,000	150,000	0												
2019	187,000	187,000	0												
Year Identified	Start Date	Project Type for 2021	Project Lead	Est. Completion Date											
2007	January 1, 2019	Growth: 87.0 % Maintenance: 13.0 %	Neil Robertson	2020+`											