

2019 Capital Budget and 2020 to 2023 Capital Forecast



*The Town of Essex is committed to managing the
Town's finances and human resources
in a responsible manner.*

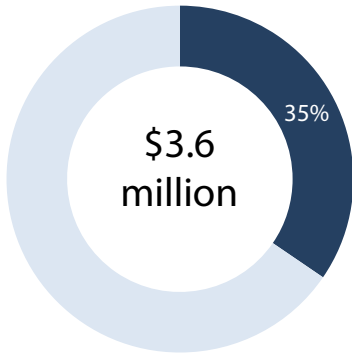
essex *Where you belong*

February 25, 2019

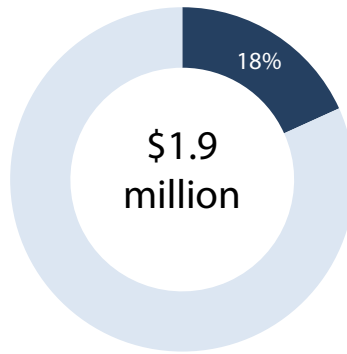
Prepared by: Finance and Business Services

2019 Proposed Capital Expenditures = \$10.3 million

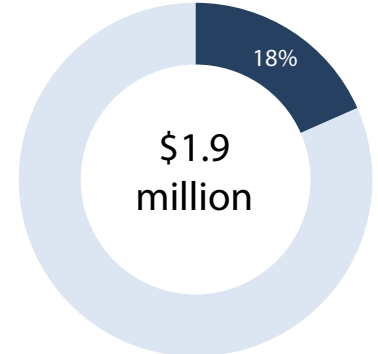
Roads and Roadside



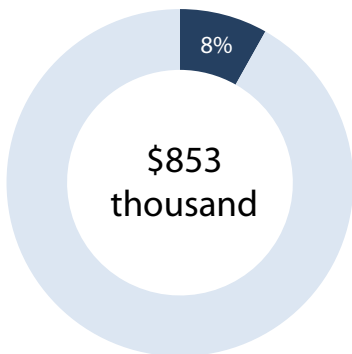
Fire Services



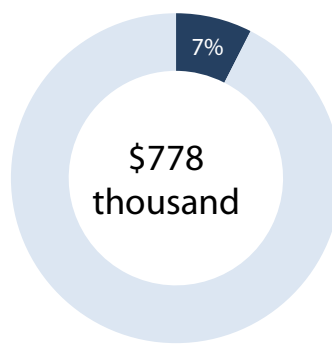
Community Services



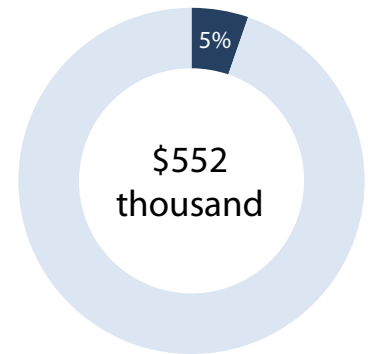
Sanitary Sewer



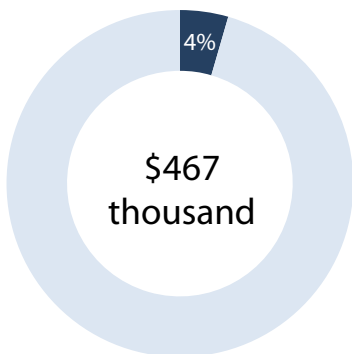
Stormwater Management



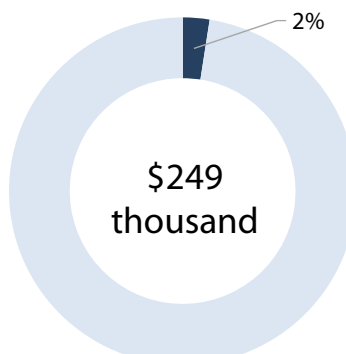
Public Works Equipment



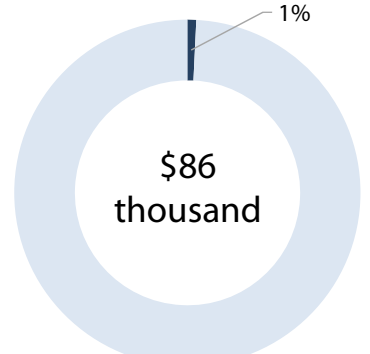
Water



Corporate Services



Other





2019 - 2023 Capital Forecast

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**Town of Essex
Operating / Capital Summary - All Departments
2019 to 2023 Budget**

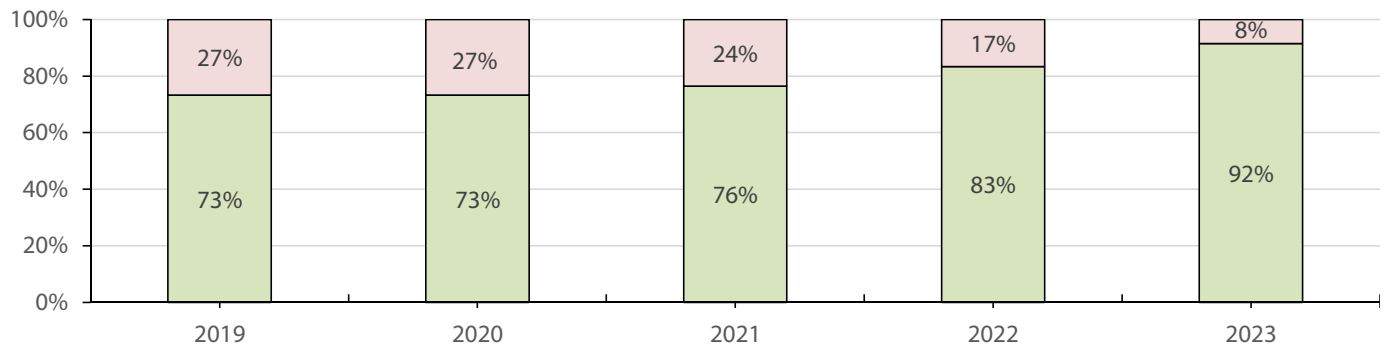
Operating	Budget	Forecast			
	2019	2020	2021	2022	2023
Operating Revenues					
Amounts Added to Taxes and Special Levies	2,547,343	2,537,814	2,497,279	2,468,330	2,468,330
Conditional and Unconditional Grants	6,600,949	5,817,336	5,772,736	5,772,736	5,772,736
Contributions from Developers	434,443	443,454	452,691	462,158	462,158
Fines and Penalties	352,200	352,200	352,200	352,200	352,200
Interfund Transfers - Revenue	4,313,479	3,878,537	3,690,447	3,699,428	3,701,467
Internal Allocations - Revenue	490,659	492,655	509,083	523,256	526,963
Investment and Other Income	260,044	259,731	259,924	259,924	259,924
License and Permit Fees	355,794	334,994	335,494	335,494	335,494
Payments in Lieu of Taxation	62,570	62,570	62,570	62,570	62,570
Prior Years' Surplus	434,474	0	0	0	0
Property Taxation	14,867,301	15,164,648	15,467,942	15,777,298	16,092,846
Supplementary Taxation	153,544	153,544	153,544	153,544	153,544
User Fees and Service Charges	12,063,260	12,078,492	12,085,290	12,087,149	12,090,268
Total Operating Revenues	42,936,058	41,575,974	41,639,201	41,954,086	42,278,499
Operating Expenses					
Amortization Expense	90,982	90,982	90,982	90,982	90,982
Contracted Services	7,899,339	8,083,091	8,148,657	8,183,902	8,221,533
Debt Servicing	3,141,921	3,255,930	3,242,678	3,207,573	3,073,100
External Transfers	706,238	619,357	622,539	622,539	622,539
Interfund Transfers - Expense	12,011,965	11,836,670	11,739,663	11,817,903	11,659,613
Internal Allocations - Expense	561,385	563,382	579,810	593,983	597,690
Materials and Supplies	2,428,398	2,403,639	2,441,345	2,513,254	2,452,945
Miscellaneous Services	909,818	692,236	693,560	693,756	693,810
Professional Fees	464,674	410,674	380,674	410,674	380,674
Rents and Financial Services	306,988	305,059	294,705	256,974	257,628
Repairs and Maintenance	923,563	915,530	918,774	921,734	930,519
Salaries, Wages, Benefits and Personnel Expenses	10,761,849	10,942,617	11,026,823	11,261,101	11,355,210
Taxation Adjustments	172,000	172,000	172,000	172,000	172,000
Uncollectible Taxes and Accounts Receivable	12,775	12,775	12,775	12,775	12,775
Utilities, Insurance and Property Taxes	2,139,143	2,196,549	2,218,786	2,223,432	2,246,969
Total Operating Expenses	42,531,039	42,500,492	42,583,771	42,982,580	42,767,987
Operating Surplus/(Deficit)	405,019	(924,518)	(944,571)	(1,028,494)	(489,488)



Town of Essex
 Operating / Capital Summary - All Departments
 2019 to 2023 Budget

Capital	Budget	Forecast			
	2019	2020	2021	2022	2023
Asset Type: Replacement / Upgrade					
Capital Financing					
Grant Revenue	0	25,000	0	0	0
User Fees and Service Charges	72,596	52,182	8,750	880	0
Unfinanced Capital to be Financed	0				
Other Revenue	0	19,398	15,000	0	0
Long-Term Debt Financing	2,180,000	0	0	0	0
Revenue Contributions from Reserve Funds	2,334,693.02	1,978,576	2,052,003	1,643,291.98	2,416,753
Funding per Asset Management Financial Strategy	3,028,080	2,940,926	2,149,832	2,678,319	2,513,316
Total Capital Financing - Replacement / Upgrade	7,615,369	5,016,081	4,225,586	4,322,490	4,930,069
Capital Expenses - Replacement / Upgrade	7,615,369	5,867,047	4,254,881	4,667,387	5,378,197
Capital - Replacement / Upgrade Surplus/(Deficit)	(0)	(850,966)	(29,295)	(344,897)	(448,129)
Asset Type: New					
Capital Financing					
Grant Revenue	123,568	0	0	0	0
User Fees and Service Charges	4,800	0	0	0	0
Unfinanced Capital to be Financed	439,000	0	0	0	0
Other Revenue	9,000	0	0	0	0
Long-Term Debt Financing	0	0	0	0	0
Revenue Contributions from Reserve Funds	1,800,998	1,284,634	756,000	817,961	25,000
Total Capital Financing - New	2,377,366	1,284,634	756,000	817,961	25,000
Capital Expenses - New	2,782,385	2,144,330	1,308,878	933,278	497,478
Capital - New Surplus/(Deficit)	(405,019)	(859,697)	(552,878)	(115,317)	(472,478)
Total Capital - Surplus/(Deficit)	(405,019)	(1,710,663)	(582,173)	(460,214)	(920,607)
Net Surplus/(Deficit)	0	(2,635,180)	(1,526,744)	(1,488,708)	(1,410,094)

Capital Summary - All Asset Types	Budget	Forecast			
Capital	2019	2020	2021	2022	2023
Total Capital Financing - All	9,992,735	6,300,715	4,981,586	5,140,451	4,955,069
Total Capital Expenses - All	10,397,754	8,011,377	5,563,759	5,600,665	5,875,675
Capital Net Surplus/(Deficit)	(405,019)	(1,710,663)	(582,173)	(460,214)	(920,607)



2019 - Capital Project Summary

Revenue Reconciliation

Project #	Description	Type	Expense	Revenue	Net	AMP Plan	Gas Tax/OCIF	Grants	Unfinanced Carry forward	DCs	LTD	Reserve Tsf	School/Other Mun.	Levy	Taxation
PROPERTY TAX SUPPORTED															
General Government															
GG-19-0002	Council Contingency	New	\$50,000.00	\$50,000.00	\$0.00							\$50,000.00			\$0.00
GG-19-0003	Clerk Counter Renovations	Upgrade	\$10,000.00	\$10,000.00	\$0.00	\$5,000.00			\$5,000.00						\$0.00
GG-19-0007	Roof Ladder at Town Hall	Replacement	\$12,000.00	\$12,000.00	\$0.00	\$12,000.00									\$0.00
GG-19-0008	9 Replacement Cameras at Essex Arena	Replacement	\$5,000.00	\$5,000.00	\$0.00	\$5,000.00									\$0.00
GG-19-0009	2 Replacement Cameras at Colchester Harbour/ Splash Pad	Replacement	\$2,500.00	\$2,500.00	\$0.00	\$2,500.00									\$0.00
GG-19-0010	3 Replacement Cameras at McGregor Community Centre	Replacement	\$2,500.00	\$2,500.00	\$0.00	\$2,500.00									\$0.00
GG-19-0012	Network Security Audit	New	\$27,000.00	\$27,000.00	\$0.00							\$27,000.00			\$0.00
GG-19-0013	New Town Hall	Upgrade	\$200,000.00	\$200,000.00	\$0.00	\$100,000.00						\$100,000.00			\$0.00
HS-19-0001	Roof Replacement- Colchester Memorial Cemetery Shed	Replacement	\$2,300.00	\$2,300.00	\$0.00	\$2,300.00									\$0.00
HS-19-0002	Cemetery Tracking Software	New	\$8,300.00	\$0.00	\$8,300.00										\$8,300.00
Community Services															
FD-19-0001	Helmet Replacement Program	Replacement	\$3,182.00	\$3,182.00	\$0.00	\$3,182.00									\$0.00
FD-19-0002	Hose Replacement Program	Replacement	\$15,150.00	\$15,150.00	\$0.00	\$15,150.00									\$0.00
FD-19-0003	Pager Replacement Program	Replacement	\$5,681.00	\$5,681.00	\$0.00	\$5,681.00									\$0.00
FD-19-0004	Boot Replacement Program	Replacement	\$4,209.00	\$4,209.00	\$0.00	\$4,209.00									\$0.00
FD-19-0005	Bunker Gear Replacement Program	Replacement	\$25,452.00	\$25,452.00	\$0.00	\$25,452.00									\$0.00
FD-19-0008	Replace Thermal Imaging Camera at Station 2	Replacement	\$12,400.00	\$12,400.00	\$0.00	\$12,400.00									\$0.00
FD-19-0009	Replace Protective Hoods (Helmets)	Replacement	\$1,600.00	\$1,600.00	\$0.00	\$1,600.00									\$0.00
FD-19-0010	Replace Defibrillators at Stations 1, 2, and 3	Replacement	\$8,853.00	\$8,853.00	\$0.00	\$8,853.00									\$0.00
FD-19-0012	Replace Rescue 3 with Pickup Squad Vehicle	Replacement	\$300,000.00	\$300,000.00	\$0.00	\$300,000.00									\$0.00
FD-19-0015	Fire Station 2 Replacement	Replacement	\$1,500,000.00	\$1,500,000.00	\$0.00						\$1,500,000.00				\$0.00
FD-19-0016	Replace spreaders Jaws of Life Station 3	Replacement	\$18,500.00	\$18,500.00	\$0.00	\$18,500.00									\$0.00
PD-19-0001	Police Contingency	Replacement	\$25,000.00	\$25,000.00	\$0.00	\$25,000.00									\$0.00
CS-19-0001	Ball Diamond Rehabilitation (Annual) in Essex and Harrow	Replacement	\$15,000.00	\$15,000.00	\$0.00	\$15,000.00									\$0.00
CS-19-0002	Soccer Field Rehabilitation in Essex and Harrow	Replacement	\$15,000.00	\$15,000.00	\$0.00	\$15,000.00									\$0.00
CS-19-0008	Replace 846-09 John Deere HPX Diesel Gator	Replacement	\$29,000.00	\$29,000.00	\$0.00	\$29,000.00									\$0.00
CS-19-0012	Pool Contrller Replacement in Essex Recreation Complex	Replacement	\$7,755.00	\$7,755.00	\$0.00	\$3,877.50							\$3,877.50		\$0.00
CS-19-0013	15-HP Pump Replacement at Essex Recreation Complex	Replacement	\$3,500.00	\$3,500.00	\$0.00	\$1,750.00							\$1,750.00		\$0.00
CS-19-0017	Replace Kubota Zero Turn Mower	Replacement	\$8,100.00	\$8,100.00	\$0.00	\$8,100.00									\$0.00
CS-19-0021	Wireless Radio Upgrade at Essex Recreation Complex	Replacement	\$10,404.61	\$10,404.61	\$0.00	\$5,202.31							\$5,202.30		\$0.00
CS-19-0029	Concrete Tables Replacement at Colchester Harbour	Replacement	\$4,742.00	\$4,742.00	\$0.00	\$475.00				\$4,267.00					\$0.00
CS-19-0032	Colchester Schoolhouse Rehabilitation (carry forward CS-16-0049)	Replacement	\$37,500.00	\$37,500.00	\$0.00	\$37,500.00									\$0.00
CS-19-0035	Harrow Splashpad Contrller Reprogram for Portable Water Bypass	Upgrade	\$5,000.00	\$2,500.00	\$2,500.00	\$2,500.00									\$2,500.00
CS-19-0040	Automatic Floor Scrubber Replacement at Harrow Centre Sports Complex	Replacement	\$7,022.00	\$7,022.00	\$0.00	\$7,022.00									\$0.00
CS-19-0041	Power Washer for Dressing Room Replacement at Harrow Centre Sports Complex	Replacement	\$3,058.00	\$3,058.00	\$0.00	\$3,058.00									\$0.00
CS-19-0042	LED Screen Replacement at Essex Recreation Complex	Replacement	\$10,238.00	\$10,238.00	\$0.00	\$5,119.00							\$5,119.00		\$0.00
CS-19-0046	HVAC Replacement in Gym at Essex Community Centre	Replacement	\$51,800.00	\$51,800.00	\$0.00	\$51,800.00									\$0.00
CS-19-0053	Phase 3 of Parking Lot at Essex Centre Sports Complex	Replacement	\$398,300.00	\$398,300.00	\$0.00	\$398,300.00									\$0.00
CS-19-0056	Renovate Old Poolhouse in Essex (close to Splash Pad)	Upgrade	\$100,000.00	\$65,000.00	\$35,000.00	\$35,000.00				\$30,000.00					\$35,000.00
CS-19-0060	New Signage Shared with Essex Library	Upgrade	\$30,000.00	\$19,500.00	\$10,500.00	\$10,500.00							\$9,000.00		\$10,500.00
CS-19-0061	Remove, Supply and Install Tiles in Various Rooms at Essex Recreation Complex	Replacement	\$60,000.00	\$60,000.00	\$0.00	\$30,000.00							\$30,000.00		\$0.00
CS-19-0062	Replace Starting Blocks at Pool in Essex Recreation Complex	Replacement	\$18,500.00	\$18,500.00	\$0.00	\$9,250.00							\$9,250.00		\$0.00
CS-19-0064	Art & Culture Project - Mural/Sculpture	New	\$10,000.00	\$0.00	\$10,000.00										\$10,000.00
CS-19-0088	Heritage Train Station Remove and Reset Interlocking Brick	Replacement	\$16,000.00	\$16,000.00	\$0.00	\$16,000.00									\$0.00
CS-19-0066	McGregor Tennis Court Repairs	Replacement	\$13,228.00	\$13,228.00	\$0.00	\$13,228.00									\$0.00
CS-19-0067	Replace Sidewalks at Harrow Library	Replacement	\$4,400.00	\$4,400.00	\$0.00	\$4,400.00									\$0.00
CS-19-0068	Acid Wash the Plate and Frame on Heat Exchanger in Twin Pad Arenas	Replacement	\$19,000.00	\$19,000.00	\$0.00	\$19,000.00									\$0.00
CS-19-0069	Golf Cart & Trailer, Parks Summer	New	\$11,200.00	\$10,080.00	\$1,120.00					\$10,080.00					\$1,120.00
CS-19-0071	New Garbage Enclosures across Municipality (1 per year at minimum)	New	\$4,478.00	\$0.00	\$4,478.00										\$4,478.00
CS-19-0072	Pylon Sign LED display Panels in McGregor Community Centre	Upgrade	\$27,900.00	\$13,950.00	\$13,950.00	\$13,950.00									\$13,950.00
CS-19-0073	Townsvlew Park	New	\$275,000.00	\$247,500.00	\$27,500.00					\$247,500.00					\$27,500.00
CS-19-0074	Pave Essex Dog Park Trail	New	\$29,707.00	\$26,736.00	\$2,971.00					\$26,736.00					\$2,971.00
CS-19-0075	Colchester Parking - Town Lot (Dunn and County Road 50) Phase 1	New	\$215,000.00	\$0.00	\$215,000.00										\$215,000.00
CS-19-0079	Portable Water Bypass at Harrow Splash Pad	Replacement	\$7,000.00	\$7,000.00	\$0.00	\$7,000.00									\$0.00
CS-19-0080	Upgrades to Colchester Beach Public washrooms	Upgrade	\$6,000.00	\$3,000.00	\$3,000.00	\$3,000.00									\$3,000.00
CS-19-0081	Remove and Replace Interlocking Brick in Front of Colchester Community Centre	Replacement	\$15,000.00	\$15,000.00	\$0.00	\$1,500.00				\$13,500.00					\$0.00
CS-19-0082	Replace Air Conditioner and Furnaces at Colchester Community Centre	Replacement	\$24,000.00	\$24,000.00	\$0.00	\$2,400.00				\$21,600.00					\$0.00
CS-19-0083	Upgrades to Colchester Splash Pad	Upgrade	\$30,000.00	\$15,000.00	\$15,000.00	\$15,000.00									\$15,000.00
CS-19-0084	Drop Box Move to Harrow Arena	New	\$2,500.00	\$0.00	\$2,500.00										\$2,500.00
CS-19-0089	Replacement of HVAC for Gymnasium at Essex Recreation Complex	Replacement	\$44,394.00	\$44,394.00	\$0.00	\$22,196.94							\$22,196.96		\$0.10
CS-19-0095	Replace LED portion on the Pylon Sign at the Essex Centre Sports Complex	Replacement	\$35,000.00	\$35,000.00	\$0.00	\$35,000.00									\$0.00
CS-19-0096	Furnace Replacement at Lion's Hall	Replacement	\$14,000.00	\$14,000.00	\$0.00	\$14,000.00									\$0.00
CS-19-0097	Washroom upgrades at Lion's Hall	Upgrade	\$20,000.00	\$10,000.00	\$10,000.00	\$10,000.00									\$10,000.00
CS-19-0098	Colchester Beach Accessible Ramp Access	New	\$220,000.00	\$220,000.00	\$0.00			\$100,000.00		\$120,000.00					\$0.00
CS-19-0106	Dock B Power Upgrades	Upgrade	\$53,300.00	\$53,300.00	\$0.00			\$23,568.00				\$29,732.00			\$0.00

Revenue Reconciliation

Project #	Description	Type	Expense	Revenue	Net	AMP Plan	Gas Tax/OCIF	Grants	Unfinanced Carry forward	DCs	LTD	Reserve Tsf	School/Other Mun.	Levy	Taxation
Public Works															
PW-19-0002	5-Ton Dump/Plow Unit 529-09	Replacement	\$250,000.00	\$250,000.00	\$0.00	\$250,000.00									\$0.00
PW-19-0032	Pickup Truck	Replacement	\$40,000.00	\$40,000.00	\$0.00	\$40,000.00									\$0.00
PW-19-0037	Tractor to Replace Unit #521-93	Replacement	\$90,000.00	\$90,000.00	\$0.00	\$90,000.00									\$0.00
PW-19-0038	Jumping Jack Replacement	Replacement	\$3,500.00	\$3,500.00	\$0.00	\$3,500.00									\$0.00
PW-19-0039	Grinder Replacement	Replacement	\$2,500.00	\$2,500.00	\$0.00	\$2,500.00									\$0.00
PW-19-0041	Shop Lawnmower Replacement	Replacement	\$15,000.00	\$15,000.00	\$0.00	\$15,000.00									\$0.00
PW-19-0042	Harrow Yard Roof Replacement	Replacement	\$80,000.00	\$80,000.00	\$0.00	\$80,000.00									\$0.00
PW-19-0043	Lockers Replacement	Replacement	\$4,000.00	\$4,000.00	\$0.00	\$4,000.00									\$0.00
PW-19-0044	Brine Tank Containment	Replacement	\$50,000.00	\$50,000.00	\$0.00	\$50,000.00									\$0.00
PW-19-0045	Annual Door Replacement Program	Replacement	\$10,000.00	\$10,000.00	\$0.00	\$10,000.00									\$0.00
PW-19-0047	Gesto Office Renovation	Replacement	\$6,500.00	\$6,500.00	\$0.00	\$6,500.00									\$0.00
PW-19-0004	Queen Street North (Shave and Pave)	Replacement	\$75,000.00	\$75,000.00	\$0.00	\$75,000.00									\$0.00
PW-19-0006	Gore Road between Wright Road and County Road 13 (Maintenance)	Replacement	\$341,000.00	\$341,000.00	\$0.00		\$341,000.00								\$0.00
PW-19-0007	8th Concession between Ferriss and County Road 23 (Maintenance)	Replacement	\$330,000.00	\$330,000.00	\$0.00		\$330,000.00								\$0.00
PW-19-0008	North Malden Road between Hyland and County Road 15 (Maintenance)	Replacement	\$587,500.00	\$587,500.00	\$0.00		\$587,500.00								\$0.00
PW-19-0010	Overlay 6km (Approximately \$25,000/km) (Maintenance)	Replacement	\$150,000.00	\$150,000.00	\$0.00	\$150,000.00									\$0.00
PW-19-0034	Gordon, Wilson, Station Street Area	Replacement	\$150,000.00	\$150,000.00	\$0.00	\$150,000.00									\$0.00
PW-19-0035	Beach Road - Meadows	Upgrade	\$40,000.00	\$20,000.00	\$20,000.00	\$20,000.00									\$20,000.00
PW-19-0036	LED Conversion of Streetlights	Upgrade	\$680,000.00	\$680,000.00	\$0.00						\$680,000.00				\$0.00
PW-19-0040	County Road 8/County Road 34 Signalized Intersection Improvements	Upgrade	\$40,000.00	\$20,000.00	\$20,000.00	\$20,000.00									\$20,000.00
PW-19-0018	Sidewalks/Trails	Upgrade	\$868,000.00	\$868,000.00	\$0.00	\$173,600.00	\$260,400.00		\$434,000.00						\$0.00
PW-19-0017	Rural Streetlight Installation (Colchester Village)	New	\$20,000.00	\$20,000.00	\$0.00							\$20,000.00			\$0.00
PW-19-0033	3rd Concession and Suffolk Road Culvert 200203 (Construction)	Replacement	\$580,000.00	\$580,000.00	\$0.00	\$237,524.00	\$342,476.00								\$0.00
PW-19-0025	Engineering for Various Bridges and Culverts	Replacement	\$40,000.00	\$40,000.00	\$0.00	\$40,000.00									\$0.00
PW-19-0048	Harrow Junior School Storm Sewer Improvements	Replacement	\$150,000.00	\$150,000.00	\$0.00	\$60,000.00								\$90,000.00	\$0.00
PW-19-0049	Queen Street Improvements	Replacement	\$265,000.00	\$265,000.00	\$0.00	\$106,000.00								\$159,000.00	\$0.00
PW-19-0053	Sidewalk upgrades	Upgrade	\$50,000.00	\$50,000.00	\$0.00	\$50,000.00									\$0.00
PW-19-0050	Rain Gauges in Partnership with ERCA	New	\$8,000.00	\$4,800.00	\$3,200.00									\$4,800.00	\$3,200.00
		<i>SUBTOTAL</i>	<i>\$9,077,653.61</i>	<i>\$8,672,634.61</i>	<i>\$405,019.00</i>										
USER-RATE SUPPORTED															
Water															
WW-19-0002	Equipment Contingency Wards 1 and 2 Distribution and Transmission (50%)	New	\$8,500.00	\$8,500.00	\$0.00							\$8,500.00			\$0.00
WW-19-0003	Equipment Contingency Wards 3 and 4 Distribution and Transmission (50%)	New	\$8,500.00	\$8,500.00	\$0.00							\$8,500.00			\$0.00
WW-19-0004	Harrow Colchester South Water Treatment Plant Contingency Wards 3 and 4	New	\$199,000.00	\$199,000.00	\$0.00							\$199,000.00			\$0.00
WW-19-0009	Queen Street Main Replacement	Replacement	\$191,100.00	\$191,100.00	\$0.00							\$191,100.00			\$0.00
WW-19-0010	Backflow Prevention and Monitoring Program Wards 1/2	Replacement	\$15,000.00	\$15,000.00	\$0.00							\$15,000.00			\$0.00
WW-19-0011	Backflow Prevention and Monitoring Program Wards 3/4	Replacement	\$15,000.00	\$15,000.00	\$0.00							\$15,000.00			\$0.00
WW-19-0012	Water Rate Study	New	\$30,000.00	\$30,000.00	\$0.00							\$30,000.00			\$0.00
Sanitary Sewer															
SS-19-0001	Treatment - Ward 1 Contingency	New	\$93,000.00	\$93,000.00	\$0.00							\$93,000.00			\$0.00
SS-19-0002	Treatment - Ward 3 Contingency	New	\$51,000.00	\$51,000.00	\$0.00							\$51,000.00			\$0.00
SS-19-0003	Treatment - Ward 4 Contingency	New	\$31,000.00	\$31,000.00	\$0.00							\$31,000.00			\$0.00
SS-19-0004	Treatment - Ward 4 Cell Treatment	Replacement	\$500,000.00	\$500,000.00	\$0.00							\$500,000.00			\$0.00
SS-19-0005	Collection and Conveyance - Ward 1 Contingency	Replacement	\$26,000.00	\$26,000.00	\$0.00							\$26,000.00			\$0.00
SS-19-0006	Collection and Conveyance - Ward 3 Contingency	Replacement	\$30,000.00	\$30,000.00	\$0.00							\$30,000.00			\$0.00
SS-19-0007	Collection and Conveyance - Ward 4 Contingency	Replacement	\$22,000.00	\$22,000.00	\$0.00							\$22,000.00			\$0.00
SS-19-0008	Sanitary Sewer Masterplan	Replacement	\$100,000.00	\$100,000.00	\$0.00							\$100,000.00			\$0.00
		<i>SUBTOTAL</i>	<i>\$1,320,100.00</i>	<i>\$1,320,100.00</i>	<i>\$0.00</i>										
		TOTAL	\$10,397,753.61	\$9,992,734.61	\$405,019.00	\$3,028,079.75	\$1,861,376.00	\$123,568.00	\$439,000.00	\$473,683.00	\$2,180,000.00	\$1,546,832.00	\$86,395.76	\$253,800.00	\$405,019.10





2019 - 2023 Capital Forecast

Department Level Summary of Changes vs. Adopted Forecast

Department	Forecast														
	2019 Budget			2020			2021			2022			2023		
	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net
Council	50,000	50,000	0	50,000	28,721	21,279	50,000	0	50,000	50,000	0	50,000	50,000	0	50,000
Corporate Services	259,000	259,000	0	122,385	82,385	40,000	0	0	0	0	0	0	0	0	0
Police	25,000	25,000	0	25,000	25,000	0	25,000	25,000	0	25,000	25,000	0	25,000	25,000	0
Fire	1,895,027	1,895,027	0	65,481	65,481	0	774,481	774,481	0	1,678,877	1,616,377	62,500	298,877	298,877	0
Building	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Works	4,926,000	4,882,800	(43,200)	3,989,360	3,658,057	331,303	2,810,721	2,430,221	380,500	3,144,000	2,820,764	323,236	4,120,334	3,715,000	405,334
Health Services	10,600	2,300	(8,300)	0	0	0	0	0	0	0	0	0	0	0	0
Community Services	1,912,027	1,558,508	(353,519)	3,181,151	1,868,070	1,313,081	1,282,757	1,131,083	151,673	264,638	240,160	24,478	943,314	478,042	465,273
Planning and Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Business Improvement Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture and Reforestation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water	467,100	467,100	0	319,000	319,000	0	283,200	283,200	0	226,000	226,000	0	226,000	226,000	0
Sanitary Sewer	853,000	853,000	0	249,000	249,000	0	337,600	337,600	0	212,150	212,150	0	212,150	212,150	0
Total	10,397,754	9,992,735	(405,019)	8,001,377	6,295,715	1,705,663	5,563,759	4,981,586	582,173	5,600,665	5,140,451	460,214	5,875,675	4,955,069	920,607

2019 - 2022 Capital Forecast	2019 Adopted Forecast			2020 Adopted Forecast			2021 Adopted Forecast			2022 Adopted Forecast			2023		
	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net
Council	50,000	0	50,000	50,000	0	50,000	50,000	0	50,000	50,000	0	50,000	0	0	0
Corporate Services	117,588	114,588	3,000	0	0	0	19,385	0	19,385	0	0	0	0	0	0
Police	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fire	52,815	52,815	0	2,296,103	2,296,103	0	65,481	65,481	0	574,481	574,481	0	0	0	0
Building	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Works	2,928,550	2,908,550	20,000	2,784,500	2,774,476	10,024	2,680,220	2,449,126	231,094	3,049,221	2,649,221	400,000	0	0	0
Health Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Community Services	867,902	834,366	33,536	773,829	738,829	35,000	1,374,974	1,279,974	95,000	1,002,640	843,640	159,000	0	0	0
Planning and Development	35,000	35,000	0	0	0	0	0	0	0	0	0	0	0	0	0
Water	372,000	372,000	0	615,500	615,500	0	416,776	416,776	0	273,200	273,200	0	0	0	0
Sanitary Sewer	297,000	297,000	0	753,000	753,000	0	249,000	249,000	0	337,700	337,700	0	0	0	0
Total	4,720,855	4,614,319	106,536	7,272,932	7,177,908	95,024	4,855,836	4,460,357	395,479	5,287,242	4,678,242	609,000	0	0	0

Increase/(Decrease)	2019 Change			2020 Change			2021 Change			2022 Change			2023 Change		
	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net
Council	0	50,000	(50,000)	0	28,721	(28,721)	0	0	0	0	0	0	50,000	0	50,000
Corporate Services	141,412	144,412	(3,000)	122,385	82,385	40,000	(19,385)	0	(19,385)	0	0	0	0	0	0
Police	25,000	25,000	0	25,000	25,000	0	25,000	25,000	0	25,000	25,000	0	25,000	25,000	0
Fire	1,842,212	1,842,212	0	(2,230,622)	(2,230,622)	0	709,000	709,000	0	1,104,396	1,041,896	62,500	298,877	298,877	0
Building	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Works	1,997,450	1,974,250	(63,200)	1,204,860	883,581	321,279	130,501	(18,905)	149,406	94,779	171,543	(76,764)	4,120,334	3,715,000	405,334
Health Services	10,600	2,300	(8,300)	0	0	0	0	0	0	0	0	0	0	0	0
Community Services	1,044,124	724,141	(387,055)	2,407,322	1,129,241	1,278,081	(92,218)	(148,891)	56,673	(738,002)	(603,480)	(134,522)	943,314	478,042	465,273
Planning and Development	(35,000)	(35,000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Water	95,100	95,100	0	(296,500)	(296,500)	0	(133,576)	(133,576)	0	(47,200)	(47,200)	0	226,000	226,000	0
Sanitary Sewer	556,000	556,000	0	(504,000)	(504,000)	0	88,600	88,600	0	(125,550)	(125,550)	0	212,150	212,150	0
Total	5,676,898	5,378,416	(511,555)	728,445	(882,194)	1,610,639	707,923	521,229	186,694	313,423	462,209	(148,786)	5,875,675	4,955,069	920,607





2019 - 2023 Capital Forecast

Department: All

Project Type: New & Upgrade

Project Number	Project Name	Project Type	Forecast														
			2019 Budget			2020			2021			2022			2023		
			Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net
GG-19-0002	Council Contingency	New	50,000	50,000	-												
GG-19-0003	Clerk Counter Renovations	Upgrade	10,000	10,000	-												
GG-19-0012	Network Security Audit	New	27,000	27,000	-												
GG-19-0013	New Town Hall	Upgrade	200,000	200,000	-												
HS-19-0002	Cemetery Tracking Software	New	8,300	-	8,300												
PW-19-0018	Sidewalks/Trails	Upgrade	868,000	868,000	-												
PW-19-0017	Rural Streetlight Installation (Colchester Village)	New	20,000	20,000	-												
PW-19-0035	Beach Road - Meadows	Upgrade	40,000	20,000	20,000												
PW-19-0050	Rain Gauges in Partnership with ERCA	New	8,000	4,800	3,200												
PW-19-0040	County Road 8/County Road 34 Signalized Intersection Improvements	Upgrade	40,000	20,000	20,000												
PW-19-0053	Sidewalk upgrades	Upgrade	50,000	50,000	-												
CS-19-0035	Harrow Splashpad Controller Reprogram for Portable Water Bypass	Upgrade	5,000	2,500	2,500												
CS-19-0056	Renovate Old Poolhouse in Essex (close to Splash Pad)	Upgrade	100,000	65,000	35,000												
CS-19-0060	New Signage Shared with Essex Library	Upgrade	30,000	19,500	10,500												
CS-19-0064	Art & Culture Project - Mural/Sculpture	New	10,000	-	10,000												
CS-19-0069	Golf Cart & Trailer, Parks Summer	New	11,200	10,080	1,120												
CS-19-0071	New Garbage Enclosures across Municipality (1 per year at minimum)	New	4,478	-	4,478												
CS-19-0072	Pylon Sign LED display Panels in McGregor Community Centre	Upgrade	27,900	13,950	13,950												
CS-19-0073	Townsvie Park	New	275,000	247,500	27,500												
CS-19-0074	Pave Essex Dog Park Trail	New	29,707	26,736	2,971												
CS-19-0075	Colchester Parking - Town Lot (Dunn and County Road 50) Phase 1	New	215,000	-	215,000												
CS-19-0080	Upgrades to Colchester Beach Public washrooms	Upgrade	6,000	3,000	3,000												
CS-19-0083	Upgrades to Colchester Splash Pad	Upgrade	30,000	15,000	15,000												
CS-19-0084	Drop Box Move to Harrow Arena	New	2,500	-	2,500												
CS-19-0097	Washroom upgrades at Lion's Hall	Upgrade	20,000	10,000	10,000												
CS-19-0098	Colchester Beach Accessible Ramp Access	New	220,000	220,000	-												
CS-19-0106	Dock B Power Upgrades	Upgrade	53,300	53,300	-												
WW-19-0002	Equipment Contingency Wards 1 and 2 Distribution and Transmission	New	8,500	8,500	-												
WW-19-0003	Equipment Contingency Wards 3 and 4 Distribution and Transmission	New	8,500	8,500	-												
WW-19-0004	Harrow Colchester South Water Treatment Plant Contingency Wards 3	New	199,000	199,000	-												
WW-19-0012	Water Rate Study	New	30,000	30,000	-												
SS-19-0001	Treatment - Ward 1 Contingency	New	93,000	93,000	-												
SS-19-0002	Treatment - Ward 3 Contingency	New	51,000	51,000	-												
SS-19-0003	Treatment - Ward 4 Contingency	New	31,000	31,000	-												
GG-20-0002	Council Contingency	New				50,000	28,721	21,279									
GG-20-0003	Intranet	New				19,385	19,385	-									
GG-20-0004	IT Strategic Plan	New				40,000	-	40,000									
PW-20-0016	Rural Streetlight Installation (Colchester Village)	New				25,000	25,000	-									
PW-20-0017	Sidewalks/Trails	Upgrade				434,000	434,000	-									
PW-20-0032	Light Duty Tandem Asphalt Roller	New				50,000	-	50,000									
CS-20-0033	New Leaf and Turf Vacuum	New				16,027	16,027	-									
CS-20-0040	Dugouts at Harrow Diamonds	New				15,000	15,000	-									
CS-20-0042	Tennis Courts in Essex	New				240,000	240,000	-									
CS-20-0046	Top Dresser for Sports Fields	New				29,400	28,000	1,400									
CS-20-0047	Art & Culture Project - Mural/Sculpture	New				10,000	-	10,000									
CS-20-0049	Proper Garbage Cans in Spots	New				10,000	-	10,000									
CS-20-0050	New Garbage Enclosures across Municipality (1 per year at minimum)	New				4,478	-	4,478									
CS-20-0051	Fencing at Back of the Essex Centre Sports Complex	New				9,100	-	9,100									
CS-20-0053	Dog Park Agility Items	New				8,840	-	8,840									
CS-20-0054	Washrooms in Heritage Park	New				150,000	-	150,000									
CS-20-0055	McGregor Flag Poles	New				6,000	-	6,000									
CS-20-0056	Heritage Train Station Landscaping	New				8,000	-	8,000									
CS-20-0057	Electrical to Heritage Gardens	New				84,100	-	84,100									
CS-20-0058	Irrigation at Tot Park and Town Hall	New				20,000	-	20,000									
CS-20-0059	Two (2) Main Road Closure Signs for Events	New				11,000	-	11,000									
CS-20-0061	Gate at Colchester Harbour Road Way	New				10,000	-	10,000									
CS-20-0062	Install FOBs at Colchester Community Centre	New				5,000	-	5,000									
CS-20-0068	2 New Lights on Path from McKeown to Sadler's Park	New				30,000	29,500	500									
CS-20-0071	Proper Garbage Cans in Spots	New				10,000	-	10,000									
CS-20-0074	Work in Tulleys Meadow bush in Essex	New				10,000	-	10,000									
CS-20-0076	Colchester Parking - Along Jackson new area along fence	New				120,000	-	120,000									
CS-20-0079	Essex and Harrow Arena 1/2 of youth rink Boards	New				15,000	-	15,000									
CS-20-0081	Install gates and FOBs at each Colchester Dock Entrance	New				40,000	-	40,000									

			Forecast														
			2019 Budget			2020			2021			2022			2023		
Project Number	Project Name	Project Type	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net
CS-20-0082	Colchester Parking - Town Lot (Dunn and County Road 50) Phase 1 of 2	New				215,000	-	215,000									
WW-20-0001	Equipment Contingency Wards 1 and 2 Distribution and Transmission (	New				8,500	8,500	-									
WW-20-0002	Equipment Contingency Wards 3 and 4 Distribution and Transmission (	New				8,500	8,500	-									
WW-20-0003	Harrow Colchester South Water Treatment Plant Contingency Wards 3	New				240,000	240,000	-									
WW-20-0008	Water Rate Financial Plan	New				7,000	7,000	-									
SS-20-0001	Treatment - Ward 1 Contingency	New				78,000	78,000	-									
SS-20-0002	Treatment - Ward 3 Contingency	New				51,000	51,000	-									
SS-20-0003	Treatment - Ward 4 Contingency	New				31,000	31,000	-									
PD-20-0001	Police Contingency	Replacement				25,000	25,000	-									
GG-21-0002	Council Contingency	New							50,000	-	50,000						
PW-21-0007	Sidewalks/Trails	Upgrade							450,000	75,000	375,000						
PW-21-0008	Rural Streetlight Installation	New							25,000	19,500	5,500						
CS-21-0026	Folding Tables for Jackson Park	New							8,000	-	8,000						
CS-21-0034	Sadler's Park Power Pedestals	New							50,000	-	50,000						
CS-21-0040	Cement Walkway into Stanton park	New							31,000	31,000	-						
CS-21-0043	New Public Washrooms/Change Room at Harrow Splashpad	New							150,000	120,100	29,900						
CS-21-0045	Parks Outdoor Tools and Equipment	New							13,000	13,000	-						
CS-21-0050	Arts and Culture Project - Mural/Sculpture	New							10,000	-	10,000						
CS-21-0051	New Garbage Enclosures across Municipality (1 per year at minimum)	New							4,478	-	4,478						
CS-21-0053	Irrigation Heritage Gardens Train Station	New							20,000	-	20,000						
WW-21-0001	Equipment Contingency Wards 1 and 2 Distribution and Transmission (	New							7,600	7,600	-						
WW-21-0002	Equipment Contingency Wards 3 and 4 Distribution and Transmission (	New							7,600	7,600	-						
WW-21-0003	Harrow Colchester South Water Treatment Plant Contingency Wards 3	New							228,000	228,000	-						
SS-21-0001	Treatment - Ward 1 Contingency	New							121,000	121,000	-						
SS-21-0002	Treatment - Ward 3 Contingency	New							72,200	72,200	-						
SS-21-0003	Treatment - Ward 4 Contingency	New							36,000	36,000	-						
PD-21-0001	Police Contingency	Replacement							25,000	25,000	-						
GG-22-0001	Council Contingency	New										50,000	-	50,000			
CS-22-0010	Arts and Culture Project - Mural/Sculpture	New										10,000	-	10,000			
CS-22-0012	New Garbage Enclosures across Municipality (1 per year at minimum)	New										4,478	-	4,478			
PW-22-0011	Sidewalks/Trails	New										450,000	404,661	45,339			
PW-22-0012	Rural Streetlight Installation	New										25,000	19,500	5,500			
PD-22-0001	Police Contingency	Replacement										25,000	25,000	-			
SS-22-0001	Treatment - Ward 1 Contingency	New										70,500	70,500	-			
SS-22-0002	Treatment - Ward 3 Contingency	New										51,550	51,550	-			
SS-22-0003	Treatment - Ward 4 Contingency	New										30,750	30,750	-			
WW-22-0003	Equipment Contingency Wards 1 and 2 Distribution and Transmission (	New										8,000	8,000	-			
WW-22-0004	Equipment Contingency Wards 3 and 4 Distribution and Transmission (	New										8,000	8,000	-			
WW-22-0005	Harrow Colchester South Water Treatment Plant Contingency Wards 3	New										200,000	200,000	-			
GG-23-0001	Council Contingency	New													50,000	0	50,000
CS-23-0001	Arts and Culture Project - Mural/Sculpture	New													10,000	0	10,000
CS-23-0003	Pavilion at Colchester Park	New													350,000	0	350,000
CS-23-0012	New LED lights Shaheen Rink	New													58,000	0	58,000
CS-23-0018	New Garbage Enclosures across Municipality (1 per year at minimum)	New													4,478	0	4,478
PD-23-0001	Police Contingency	Replacement													25,000	25,000	0
Total			2,782,385	2,377,366	405,019	2,144,330	1,284,634	859,697	1,308,878	756,000	552,878	933,278	817,961	115,317	497,478	25,000	472,478
Asset Management Lifecycle Implications																	
New Asset Value			2,782,385			2,144,330			1,308,878			933,278			497,478		
Less: Studies and Land			0			0			0			0			0		
Sub-Total			2,782,385			2,144,330			1,308,878			933,278			497,478		
Estimated Useful Life			10 Years			10 Years			10 Years			10 Years			10 Years		
Annual Lifecycle Requirement			278,239			214,433			130,888			93,328			49,748		
Accumulated Lifecycle Requirement			278,239			492,672			623,559			716,887			766,635		





Property Tax Supported



2019 - 2023 Capital Budget

Funded by: Property Tax Supported

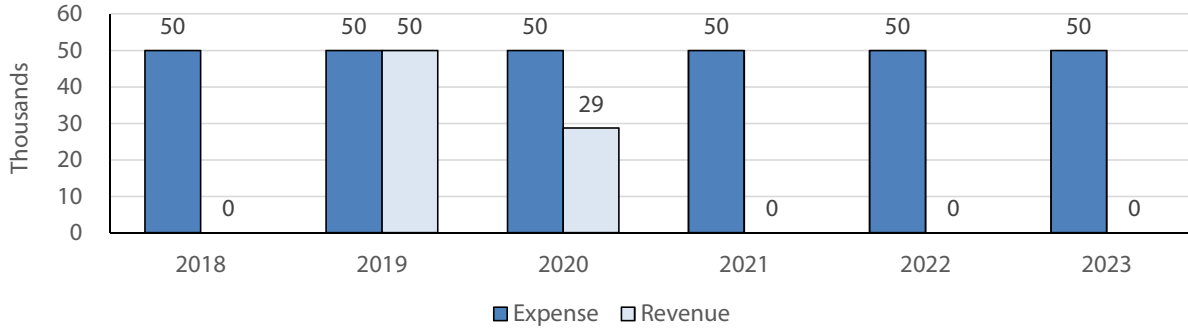
Department: General Government

Division: Council

Executive Summary

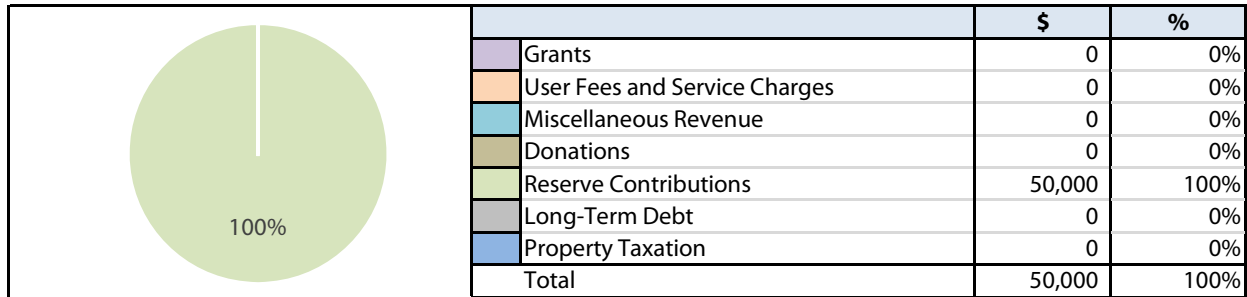
The 2019 Capital Budget for Council consists of a Council Contingency amount that has been maintained after being introduced in 2016.

Expense versus Revenue



Analysis of Revenue Source for 2019

For 2019 the funding source for Council under the Capital Budget is from Reserve Contributions at \$50,000 or 100%. Any unused portion of the prior years budget will be transferred to reserve and used to offset 2019's expense.



Future Capital and Contributions to Reserve

The 2019 Operating Budget for Council does not include any reserve transfers or lifecycle allocations for future capital assets. The projects identified under Council are generally related to specific divisions within the Municipality, whether it's Infrastructure and Development, Community Services, Development Services, or Corporate Services, and therefore any capital budget items specific to these divisions will have lifecycle contributions budgeted under their cost centres in the future.

Long-Term Debt (LTD) Impacts on the Operating Budget

Not Applicable.

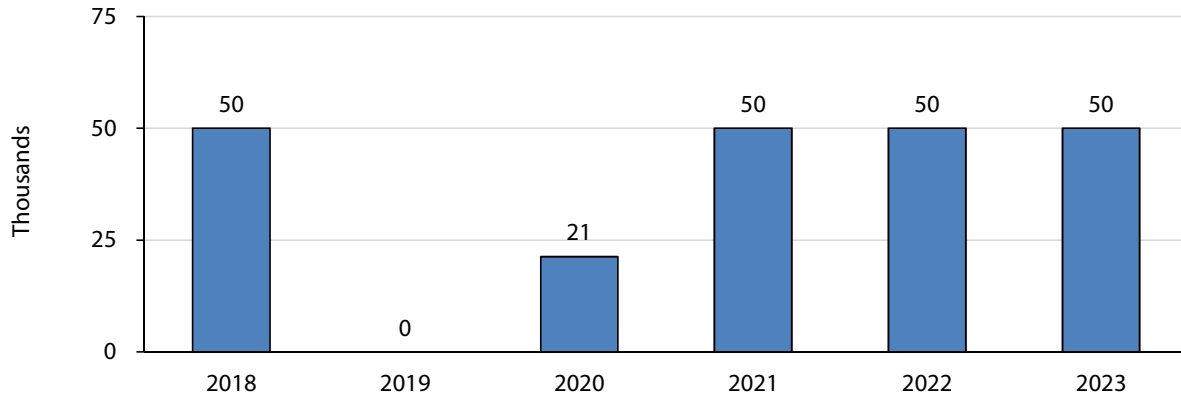


2019 - 2023 Capital Budget

Department: General Government
 Division: Council

Summary			Budget	Change		Forecast			
Category	2017 Actual	2018 Budget	2019	\$	%	2020	2021	2022	2023
Expenses	57,473	50,000	50,000	0	0%	50,000	50,000	50,000	50,000
Revenues	57,473	0	50,000	50,000	100%	28,721	0	0	0
Net	0	50,000	0	-50,000	-100%	21,279	50,000	50,000	50,000

Net Capital Budget (2018 to 2023)

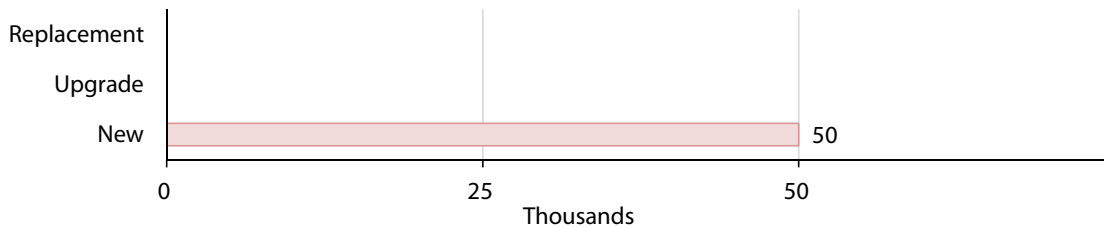


Asset Management Lifecycle Implications

Assets under Council are included in Phase 2 of the Town's Asset Management Plan, which was adopted March 27, 2017.

Capital expenditures where the project type is identified as 'Replacement' are considered to be lifecycle activities of existing assets and are fully funded through the Town's Asset Management Reserve. Projects that are identified as 'Upgrade' are funded at 50% from the Asset Management Reserve and 50% from other sources. Projects that are new are fully funded from other sources.

2019 Total Expense by Project Type



Capital expenditures where the project type is 'New' or 'Upgrade' will increase the Annual Lifecycle Requirement from their date of acquisition. The annual lifecycle requirement for these assets utilizing an estimated useful life of 10 years are:

New Asset Value	50,000
Estimated Useful Life	10 years
Annual Lifecycle Requirement	5,000 per year



2019 - 2023 Capital Budget

Department: General Government

Division: Council

Project Number	Project Name	Project Type	Forecast																	
			2019 Budget			2020			2021			2022			2023					
			Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net			
GG-19-0002	Council Contingency	New	50,000	50,000	0															
GG-20-0002	Council Contingency	New				50,000	28,721	21,279												
GG-21-0002	Council Contingency	New							50,000	0	50,000									
GG-22-0001	Council Contingency	New										50,000	0	50,000						
GG-23-0001	Council Contingency	New													50,000	0	50,000			
Total			50,000	50,000	0	50,000	28,721	21,279	50,000	0	50,000	50,000	0	50,000	50,000	0	50,000	50,000	0	50,000

2019 - 2022 Approved Forecast Totals
 Increase/(Decrease)

50,000	50,000	0	50,000	28,721	21,279	50,000	0	50,000	50,000	0	50,000	50,000	0	50,000	50,000	0	50,000	50,000	0	50,000
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Council Proposed Projects from the 2018 - 2022 Budget

Not included in the budget

Project Number	Project Name	Project Type	2017/2018			2019			2020			2021			2022			2023		
			Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net
GG-17-0004	Urban Centre Revitalization/Development	Upgrade	150,000	0	150,000															
GG-17-0013	Heritage Park Water Feature	New	250,000	0	250,000															
GG-17-0014	Outdoor Gym Equipment in Colchester	New	75,000	0	75,000															
GG-17-0015	Accessible Walkway to Beach	New	35,000	0	35,000															
GG-17-0016	County Road 50 and Dunn Road Parking Lot	Upgrade	426,360	0	426,360															
GG-17-0017	Accessible Paths in Heritage Park	New	60,000	0	60,000															
GG-17-0018	New Pylon Sign at Co-An Park	Replacement	30,000	0	30,000															
GG-17-0019	New Land for Soccer at Co-An Park	New	300,000	0	300,000															
GG-17-0020	Pave Co-An Park Parking Lot	Upgrade	440,000	0	440,000															
GG-17-0021	Playground Structure at Co-An Park	Replacement	200,000	0	200,000															
GG-17-0022	Pave Old Car Wash Parking Lot	Upgrade	204,445	0	204,445															
GG-18-0001	Urban Centre Revitalization/Development	Upgrade	150,000	0	150,000															
GG-18-0002	Outdoor Exercise Equipment	New	75,000	0	75,000															
GG-18-0003	Sidewalk/Trail on Irwin between County Road 34 and Gosfield Townline	New	120,000	0	120,000															
GG-18-0004	Irwin Avenue between Arthur Avenue and Gosfield Townline (Roads and Roadside)	Replacement	454,673	0	454,673															
GG-18-0005	Irwin Avenue between Arthur Avenue and Gosfield Townline (Stormwater)	Replacement	196,877	0	196,877															
WW-18-0007	Irwin Avenue between Arthur Avenue and Gosfield Townline (Waterworks)	Replacement	134,000	0	134,000															
GG-18-0006	Water Access at Bell Park	Replacement	20,000	0	20,000															
GG-18-0007	Exterior Light at Harrow Post Office	New	2,000	0	2,000															
GG-19-0001	Urban Centre Revitalization/Development	Upgrade				150,000	0	150,000												
GG-19-0002	Irwin Avenue between Arthur Avenue and Gosfield Townline	Replacement				495,000	0	495,000												
GG-19-0003	Irwin Avenue between Arthur Avenue and Gosfield Townline	Replacement				126,500	0	126,500												
GG-19-0004	Irwin Avenue between Arthur Avenue and Gosfield Townline	Replacement				252,000	0	252,000												
CS-19-0091	Co-An Park Capital	NEW				350,000	175,000	175,000												
PW-19-0090	Victoria Ave (Day St to Hwy #3)	Replacement				2,300,000		2,300,000												
PW-19-0091	Irwin St (Arthur to Fairview)	Replacement				2,000,000		2,000,000												
PW-19-0092	Viscount Parkway (Victoria to Viscount Comm Centre)	Upgrade				65,000		65,000												
PW-19-0093	Intersection (Maidstone-Townline-Arthur-Gosfield)	Upgrade				50,000		50,000												
PW-19-0094	Walkway on Maidstone from Talbot to Tim Hortons	NEW				600,000		600,000												
PW-19-0095	3rd Concession paved sidewalk	NEW				120,000		120,000												
CS-19-0094	Co-An Park Annual Replacement	Replacement				117,600	58,800	58,800												
GG-20-0001	Urban Centre Revitalization/Development	Upgrade							150,000	0	150,000									
CS-20-0010	General Replacement at Co-An Park	Replacement							56,250	0	56,250									
CS-20-0011	Land Purchase/ Splash Pad at Co-An Park	New							300,000	150,000	150,000									
GG-21-0001	Urban Centre Revitalization/Development	Upgrade										150,000	0	150,000						
CS-21-0054	Co-An Park Soccer fields/ Splash pad	New										100,000		100,000						
CS-21-0055	Co-An Park Annual Replacement	Replacement										43,250		43,250						
CS-22-0014	Co-an Park new Playground / Soccer Fields	New													175,000	87,500	87,500			
CS-22-0015	Annual Replacement at Co-An Park	Replacement													68,250	68,250	0			
CS-23-0023	Co-An Park New Playground, Soccer Field, Parking Lot	New																615,000	307,500	307,500
CS-23-0024	Co-An Park Annual Replacement	Replacement																88,250	88,250	0
Total			3,323,355	0	3,323,355	6,626,100	233,800	6,392,300	506,250	150,000	356,250	293,250	0	293,250	243,250	155,750	87,500	703,250	395,750	307,500





2019 - 2023 Capital Budget

Funded by: Property Tax Supported

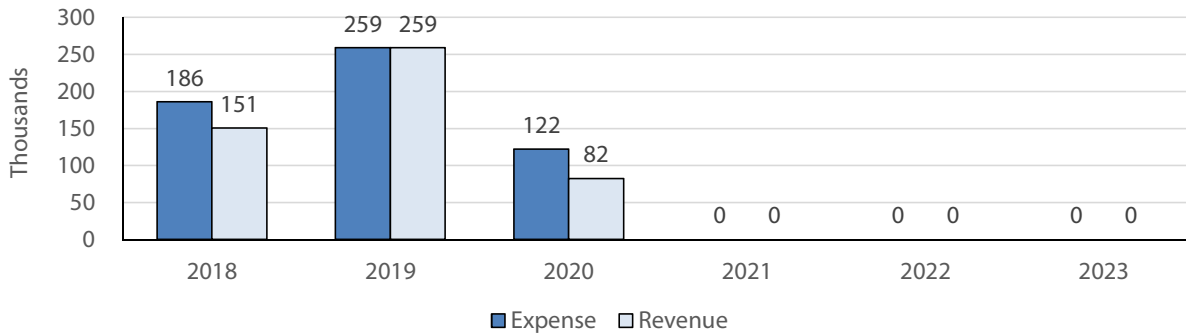
Department: General Government

Division: Corporate Services, Office of the CAO, Legislative Services

Executive Summary

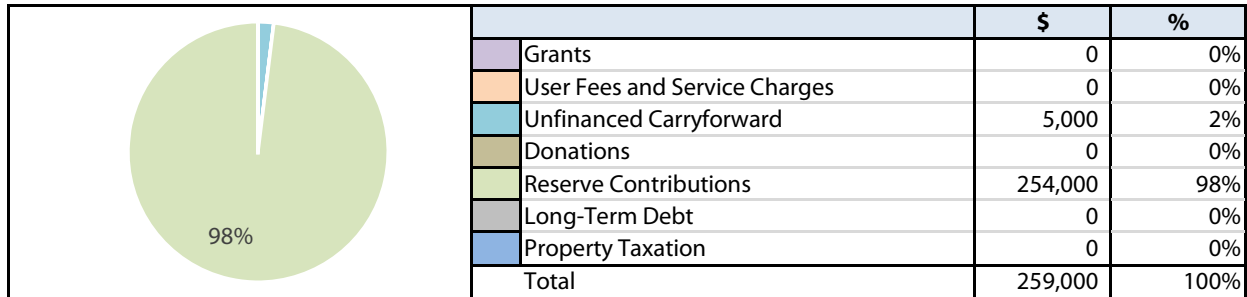
The 2019 Capital Budget for Corporate Services consists of annual replacement needs across facilities as identified in the asset management policy (roof at town hall and camera equipment). Also included is a Network Security Audit and an amount to advance the planning of a new municipal building.

Expense versus Revenue



Analysis of Revenue Source for 2019

For 2019 the largest funding source for Corporate Services under the Capital Budget is from Reserve Contributions at \$254,000 or 98%.



Future Capital and Contributions to Reserve

The 2019 Operating Budget for Corporate Services includes \$476,880 of reserve transfers or lifecycle allocations for future capital assets to be used across all divisions of the organization.

Long-Term Debt (LTD) Impacts on the Operating Budget

Not Applicable.

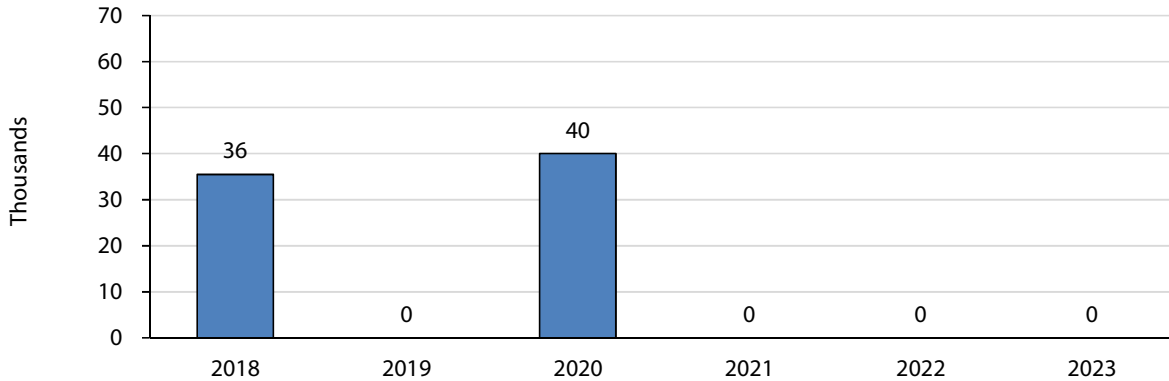


2019 - 2023 Capital Budget

Department: General Government
 Division: Corporate Services, Office of the CAO, Legislative Services

Summary			Budget	Change		Forecast			
Category	2017 Actual	2018 Budget	2019	\$	%	2020	2021	2022	2023
Expenses	61,905	186,188	259,000	72,812	39%	122,385	0	0	0
Revenues	61,905	150,688	259,000	108,312	72%	82,385	0	0	0
Net	0	35,500	0	(35,500)	-100%	40,000	0	0	0

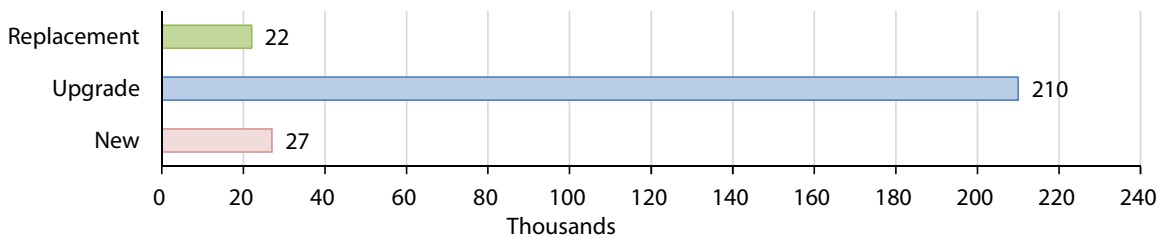
Net Capital Budget (2018 to 2023)



Asset Management Lifecycle Implications

Assets under Council are included in Phase 2 of the Town's Asset Management Plan, which was adopted March 27, 2017. Capital expenditures where the project type is identified as 'Replacement' are considered to be lifecycle activities of existing assets and are fully funded through the Town's Asset Management Reserve. Projects that are identified as 'Upgrade' are funded at 50% from the Asset Management Reserve and 50% from other sources. Projects that are new are fully funded from other sources.

2019 Total Expense by Project Type



Capital expenditures where the project type is 'New' or 'Upgrade' will increase the Annual Lifecycle Requirement from their date of acquisition. The annual lifecycle requirement for these assets utilizing an estimated useful life of 10 years are:

New Asset Value	132,000
Less: Land and Studies	0
	<u>132,000</u>
Estimated Useful Life	10 years
Annual Lifecycle Requirement	13,200 per year



2019 - 2023 Capital Budget

Department: General Government

Division: Corporate Services, Office of the CAO, Legislative Services

			Forecast														
Project Number	Project Name	Project Type	2019 Budget			2020			2021			2022			2023		
			Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net
GG-19-0007	Roof Ladder at Town Hall	Replacement	12,000	12,000	0												
GG-19-0008	9 Replacement Cameras at Essex Arena	Replacement	5,000	5,000	0												
GG-19-0009	2 Replacement Cameras at Colchester Harbour/ Splash Pad	Replacement	2,500	2,500	0												
GG-19-0010	3 Replacement Cameras at McGregor Community Centre	Replacement	2,500	2,500	0												
GG-19-0011	Network Security Audit	New	27,000	27,000	0												
GG-19-0012	New Town Hall	Upgrade	200,000	200,000	0												
GG-19-0003	Clerk Counter Renovations	Upgrade	10,000	10,000	0												
GG-20-0003	Intranet	New				19,385	19,385	0									
GG-20-0004	IT Strategic Plan	New				40,000	0	40,000									
GG-20-0006	Roof at Town Hall	Replacement				63,000	63,000	0									
Total			259,000	259,000	0	122,385	82,385	40,000	0	0	0	0	0	0	0	0	0

2019 - 2022 Approved Forecast Totals	0	0	0	19,385	19,385	0	0	0	0	0	0	0	0
Increase/(Decrease)	259,000	259,000	0	103,000	63,000	40,000	0	0	0	0	0	0	0





2019 - 2023 Capital Budget

Funded by: **Property Tax Supported**

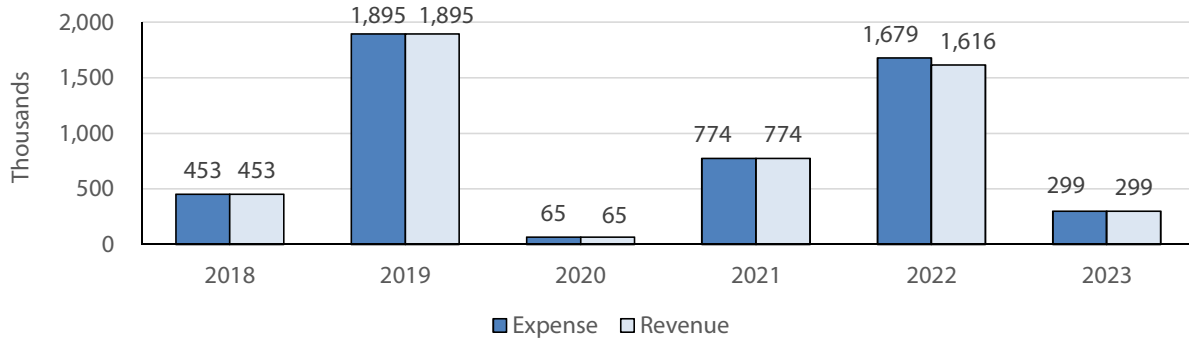
Department: **Protection to Persons and Property**

Division: **Fire**

Executive Summary

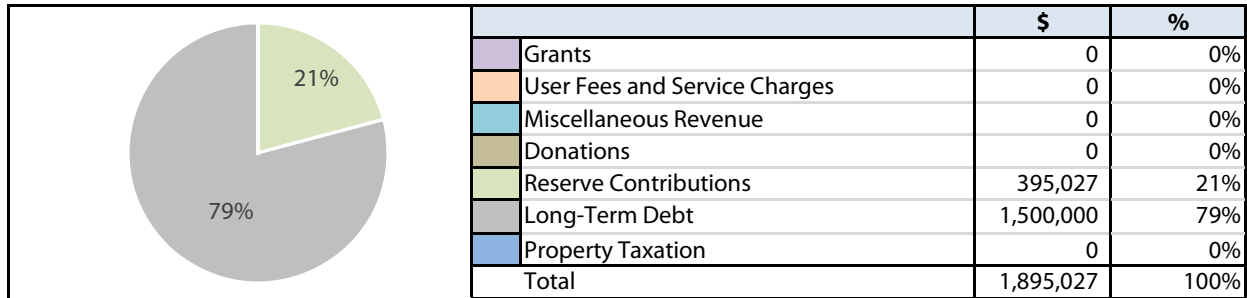
The 2019 Capital Budget for Fire consists of \$1,500,000 for the replacement of Station 2 and \$300,000 for the replacement of Rescue Vehicle 3 from Station 3. Five of the projects identified for 2019 are related to Fire's annual replacement program for items such as boots, bunker gear, helmets, hoses, pagers, and gloves. Other projects include general replacement of generators, cameras, helmet hoods and defibrillators.

Expense versus Revenue



Analysis of Revenue Source for 2019

For 2019 the largest funding source for Fire under the Capital Budget is from Long-Term Debt at \$1,500,000 or 79%. Contributions from Reserve have increased from \$53,000 in 2018 to \$395,027 in 2019 as there are more capital projects scheduled to occur.



Future Capital and Contributions to Reserve

The 2019 Operating Budget for Fire includes reserve transfers or lifecycle allocations for future capital assets in the amount of \$15,459.

Long-Term Debt (LTD) Impacts on the Operating Budget

The amount of revenue from LTD under the capital budget for Fire in 2019 is \$1,500,000. Future debt payments for Fire are estimated using a 10 year term and an interest rate of 3.33% per Infrastructure Ontario.

The estimated future impact on the operating budget over an average 10 year term is \$178,820.

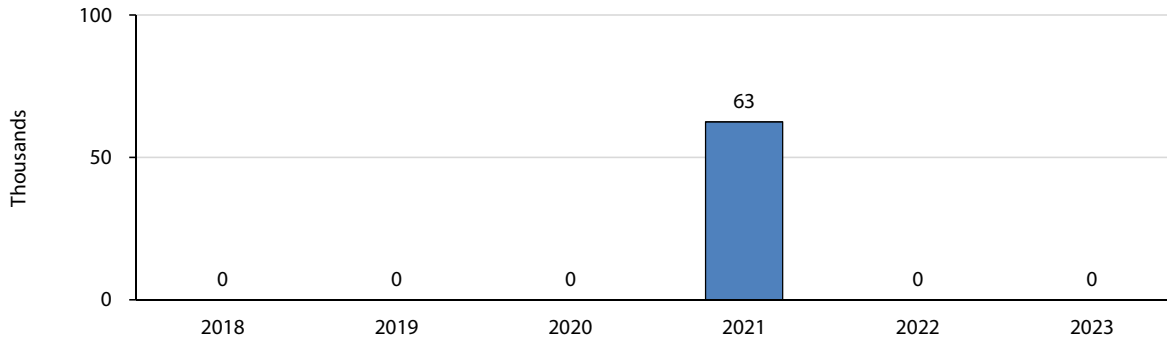


2019 - 2023 Capital Budget

Department: Protection to Persons and Property
 Division: Fire

Summary			Budget	Change		Forecast			
Category	2017 Actual	2018 Budget	2019	\$	%	2020	2021	2022	2023
Expenses	722,786	452,815	1,895,027	1,442,212	318%	65,481	774,481	1,678,877	298,877
Revenues	190,386	452,815	1,895,027	1,442,212	318%	65,481	774,481	1,616,377	298,877
Net	532,400	0	0	0	0%	0	0	62,500	0

Net Capital Budget (2018 to 2023)

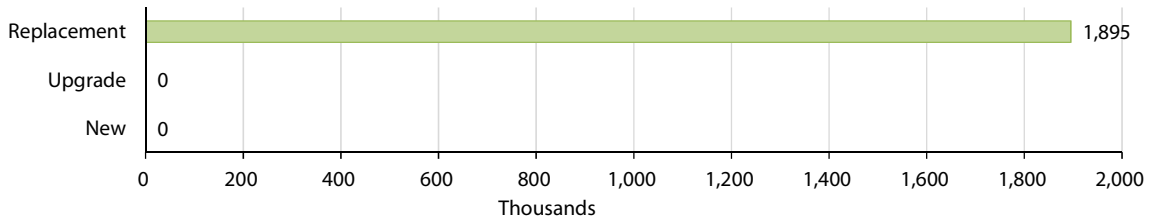


Asset Management Lifecycle Implications

Assets under Council are included in Phase 2 of the Town's Asset Management Plan, which was adopted March 27, 2017.

Capital expenditures where the project type is identified as 'Replacement' are considered to be lifecycle activities of existing assets and are fully funded through the Town's Asset Management Reserve. Projects that are identified as 'Upgrade' are funded at 50% from the Asset Management Reserve and 50% from other sources. Projects that are new are fully funded from other sources.

2019 Total Expense by Project Type



Capital expenditures where the project type is 'New' or 'Upgrade' (with the exception of land and studies) will increase the Annual Lifecycle Requirement from their date of acquisition. The annual lifecycle requirement for these assets utilizing an estimated useful life of 10 years are:

New Asset Value	0
Less: Land and Studies	0
Estimated Useful Life	10 years
Annual Lifecycle Requirement	- per year



2019 - 2023 Capital Budget

Department: Protection to Persons and Property
 Division: Fire

Project Number	Project Name	Project Type	2019 Budget			Forecast												
			Expense	Revenue	Net	2020			2021			2022			2023			
						Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	
FD-19-0001	Helmet Replacement Program	Replacement	3,182	3,182	0													
FD-19-0002	Hose Replacement Program	Replacement	15,150	15,150	0													
FD-19-0003	Pager Replacement Program	Replacement	5,681	5,681	0													
FD-19-0004	Boot Replacement Program	Replacement	4,209	4,209	0													
FD-19-0005	Bunker Gear Replacement Program	Replacement	25,452	25,452	0													
FD-19-0008	Replace Thermal Imaging Camera at Station 2	Replacement	12,400	12,400	0													
FD-19-0009	Replace Protective Hoods (Helmets)	Replacement	1,600	1,600	0													
FD-19-0010	Replace Defibrillators at Stations 1 and 3	Replacement	8,853	8,853	0													
FD-19-0012	Replace Rescue 3 at Station 3	Replacement	300,000	300,000	0													
FD-19-0015	Fire Station 2 Replacement	Replacement	1,500,000	1,500,000	0													
FD-19-0016	Replace spreaders Jaws of Life Station 3	Replacement	18,500	18,500	0													
FD-20-0001	Helmet Replacement Program	Replacement				3,182	3,182	0										
FD-20-0002	Hose Replacement Program	Replacement				15,150	15,150	0										
FD-20-0003	Pager Replacement Program	Replacement				5,681	5,681	0										
FD-20-0004	Replace Gloves (20)	Replacement				2,909	2,909	0										
FD-20-0005	Replace Headsets (3)	Replacement				3,600	3,600	0										
FD-20-0006	Replace Thermal Imaging Camera at Station 3	Replacement				5,629	5,629	0										
FD-20-0007	Boot Replacement Program	Replacement				3,878	3,878	0										
FD-20-0008	Bunker Gear Replacement Program	Replacement				25,452	25,452	0										
FD-21-0001	Boot Replacement Program	Replacement							3,878	3,878	0							
FD-21-0002	Bunker Gear Replacement Program	Replacement							25,452	25,452	0							
FD-21-0003	Carbon Monoxide Detector Replacement	Replacement							3,006	3,006	0							
FD-21-0004	Defibrillator Replacement	Replacement							3,720	3,720	0							
FD-21-0005	Extraction Gloves Replacement	Replacement							2,838	2,838	0							
FD-21-0006	Helmet Replacement Program	Replacement							3,183	3,183	0							
FD-21-0007	Hose Replacement Program	Replacement							15,150	15,150	0							
FD-21-0008	Pager Replacement Program	Replacement							5,682	5,682	0							
FD-21-0009	Replace Deputy Fire Chief's Vehicle	Replacement							45,000	45,000	0							
FD-21-0010	Replace Air Bag Kits at each Station	Replacement							16,860	16,860	0							
FD-21-0011	Replace Fire Chief's Vehicle	Replacement							40,000	40,000	0							
FD-21-0013	Replace Portable Generator at Station 1	Replacement							1,064	1,064	0							
FD-21-0014	Replace Masks at Gesto Office	Replacement							8,648	8,648	0							
FD-21-0015	Replace Engine 3A at Station 3	Replacement							600,000	600,000	0							
FD-22-0001	Boot Replacement Program	Replacement										3,917	3,917	0				
FD-22-0002	Bunker Gear Replacement Program	Replacement										25,707	25,707	0				
FD-22-0003	Helmet Replacement Program	Replacement										3,213	3,213	0				
FD-22-0004	Hose Replacement Program	Replacement										15,302	15,302	0				
FD-22-0005	Pager Replacement Program	Replacement										5,738	5,738	0				
FD-22-0006	Replace Truck 1&3 and Position New at Station 2	Replacement										1,500,000	1,500,000	0				
FD-22-0007	Fire Station 3 Upgrades (Training and Washrooms)	Upgrade										125,000	62,500	62,500				
FD-23-0001	Boot Replacement Program	Replacement													3,917	3,917	0	
FD-23-0002	Bunker Gear Replacement Program	Replacement													25,707	25,707	0	
FD-23-0003	Helmet Replacement Program	Replacement													3,213	3,213	0	
FD-23-0004	Hose Replacement Program	Replacement													15,302	15,302	0	
FD-23-0005	Pager Replacement Program	Replacement													5,738	5,738	0	
FD-23-0007	Replace Three (3) Notebook Computers	Replacement													10,000	10,000	0	
FD-23-0008	Replace Truck 3 with a Squad (Pickup)	Replacement													110,000	110,000	0	
FD-23-0009	Replace Deputy Fire Chief's Vehicle	Replacement													125,000	125,000	0	
Total			1,895,027	1,895,027	0	65,481	65,481	0	774,481	774,481	0	1,678,877	1,616,377	62,500	298,877	298,877	0	



2019 - 2023 Capital Budget

Department: Protection to Persons and Property
Division: Fire

2019 - 2022 Approved Forecast Totals	396,103	396,103	0	1,565,481	1,565,481	0	774,481	774,481	0	1,678,877	1,678,877	0
Increase/(Decrease)	1,498,924	1,498,924	0	-1,500,000	-1,500,000	0	0	0	0	0	-62,500	62,500





2019 - 2023 Capital Budget

Funded by: Property Tax Supported

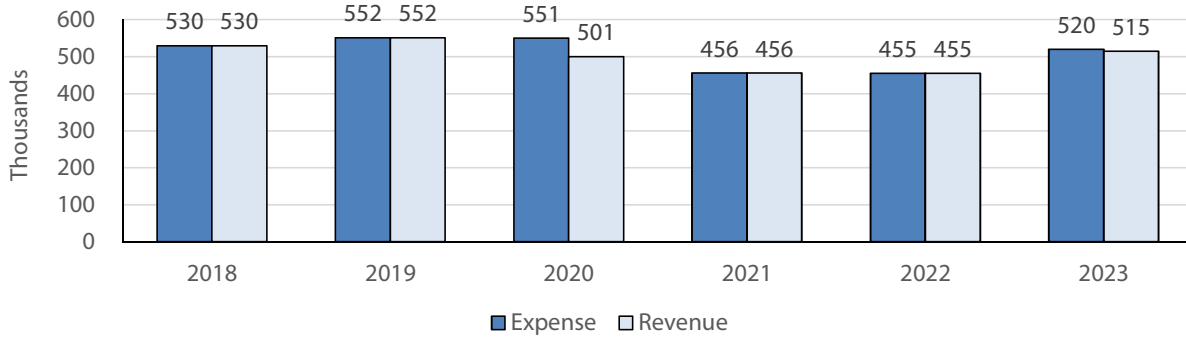
Department: Public Works

Division: Equipment and Administration

Executive Summary

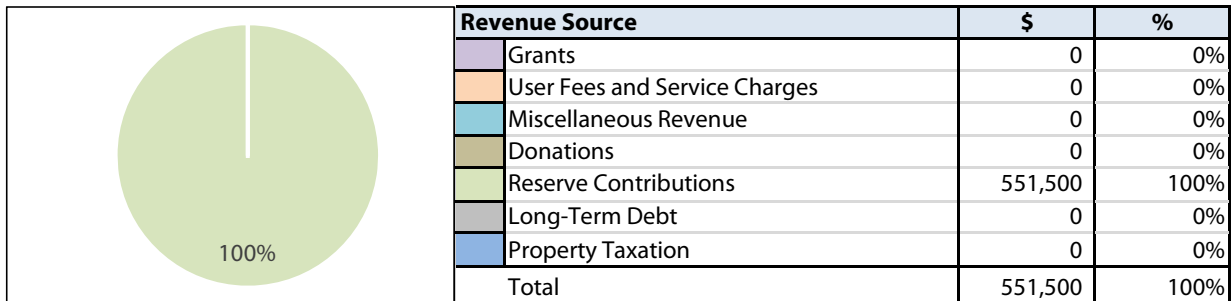
The 2019 Capital Budget for Public Works - Equipment and Administration consists of upgrades and repairs to buildings and equipment. Capital expenditures under Equipment and Administration include the replacement of a 5 Ton Dump and Plow Truck at a budgeted amount of \$250,000.

Expense versus Revenue



Analysis of Revenue Source for 2019

For 2019 all funding for Public Works - Equipment and Administration under the Capital Budget is from Reserve Contributions.



Future Capital and Contributions to Reserve

The 2019 Operating Budget for Public Works - Equipment and Administration includes reserve transfers or lifecycle allocations for future capital assets under vehicles, buildings, and machinery and equipment. Contributions to Reserve for 2019 under the Public Works - Equipment and Administration are budgeted at \$157,000.

Long-Term Debt (LTD) Impacts on the Operating Budget

Not Applicable.

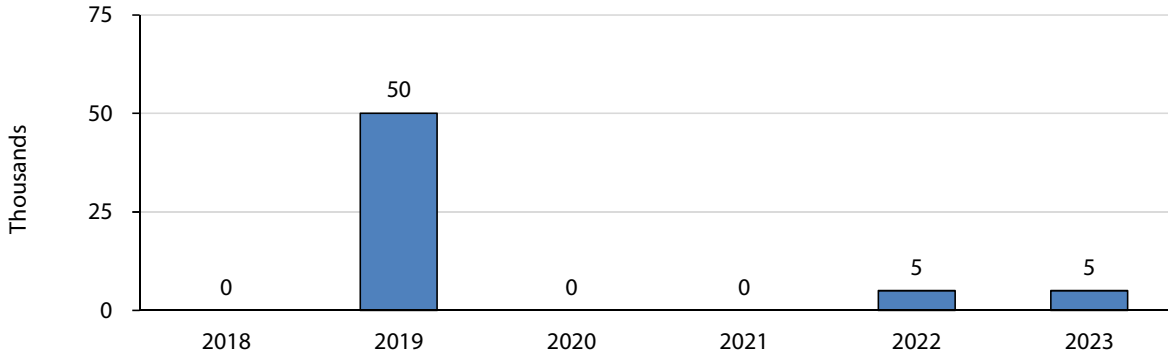


2019 - 2023 Capital Budget

Department: Public Works
 Division: Equipment and Administration

Summary			Budget	Change		Forecast			
Category	2017 Actual	2018 Budget	2019	\$	%	2020	2021	2022	2023
Expenses	186,985	530,000	551,500	21,500	4%	550,610	455,721	455,000	520,000
Revenues	186,985	530,000	551,500	21,500	4%	500,610	455,721	455,000	515,000
Net	0	0	0	0	100%	50,000	0	0	5,000

Net Capital Budget (2018 to 2023)

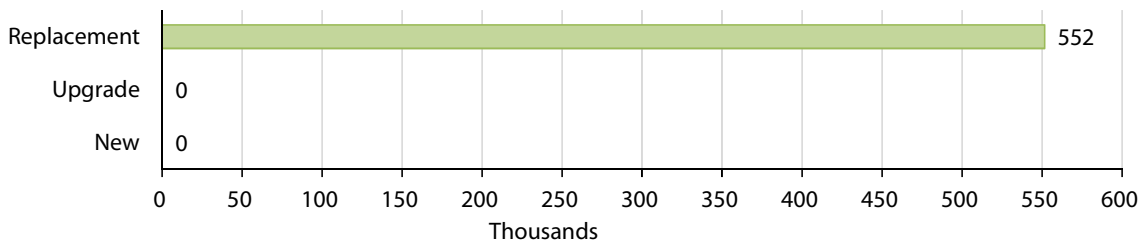


Asset Management Lifecycle Implications

Assets under Council are included in Phase 2 of the Town's Asset Management Plan, which was adopted March 27, 2017.

Capital expenditures where the project type is identified as 'Replacement' are considered to be lifecycle activities of existing assets and are fully funded through the Town's Asset Management Reserve. Projects that are identified as 'Upgrade' are funded at 50% from the Asset Management Reserve and 50% from other sources. Projects that are new are fully funded from other sources.

2019 Total Expense by Project Type



Capital expenditures where the project type is 'New' will increase the Annual Lifecycle Requirement from their date of acquisition. The annual lifecycle requirement for these assets utilizing an estimated useful life of 10 years are:

New Asset Value	-
Estimated Useful Life	10 years
Annual Lifecycle Requirement	- per year



2019 - 2023 Capital Budget

Department: Public Works
 Division: Equipment and Administration

Project Number	Project Name	Project Type	Forecast															
			2019 Budget			2020			2021			2022			2023			
			Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	
PW-19-0002	5-Ton Dump/Plow Unit 529-09	Replacement	250,000	250,000	0													
PW-19-0032	Pickup Truck	Replacement	40,000	40,000	0													
PW-19-0037	Tractor to Replace Unit #521-93	Replacement	90,000	90,000	0													
PW-19-0038	Jumping Jack Replacement	Replacement	3,500	3,500	0													
PW-19-0039	Grinder Replacement	Replacement	2,500	2,500	0													
PW-19-0041	Shop Lawnmower Replacement	Replacement	15,000	15,000	0													
PW-19-0042	Harrow Yard Roof Replacement	Replacement	80,000	80,000	0													
PW-19-0043	Lockers Replacement	Replacement	4,000	4,000	0													
PW-19-0044	Brine Tank Containment	Replacement	50,000	50,000	0													
PW-19-0045	Annual Door Replacement Program	Replacement	10,000	10,000	0													
PW-19-0047	Gesto Office Renovation	Replacement	6,500	6,500	0													
PW-20-0001	15-Ton Dump/Plow Unit #508-00	Replacement				280,000	280,000	0										
PW-20-0002	3 Ton Unit #531	Replacement				200,000	200,000	0										
PW-20-0003	Air Conditioner	Replacement				5,610	5,610	0										
PW-20-0005	Power Washer	Replacement				15,000	15,000	0										
PW-20-0032	Light Duty Tandem Asphalt Roller	New				50,000	0	50,000										
PW-21-0001	Pickup Truck	Replacement							40,000	40,000	0							
PW-21-0002	Air Conditioner Tester	Replacement							2,887	2,887	0							
PW-21-0003	AVL Guidance System	Replacement							5,334	5,334	0							
PW-21-0004	Cutting/Pruning Saw	Replacement							2,500	2,500	0							
PW-21-0005	Grader #505	Replacement							400,000	400,000	0							
PW-21-0012	Air Compressor Essex Shop	Replacement							5,000	5,000	0							
PW-22-0005	Cat Backhoe	Replacement										175,000	175,000	0				
PW-22-0015	Road Widener	Replacement										50,000	50,000	0				
PW-22-0016	Sweeper Broom	Replacement										10,000	10,000	0				
PW-22-0017	5 Ton Dump Unit #508	Replacement										220,000	220,000	0				
PW-23-0005	Mig Welder	Replacement													5,000	0	5,000	
PW-23-0006	John Deere Backhoe	Replacement													175,000	175,000	0	
PW-23-0007	Vermmer Wood Chipper	Replacement													80,000	80,000	0	
PW-23-0008	5 Ton Unit 534	Replacement													220,000	220,000	0	
PW-23-0009	536 Pick Up 4X4	Replacement													40,000	40,000	0	
Total			551,500	551,500	0	550,610	500,610	50,000	455,721	455,721	0	455,000	455,000	0	520,000	515,000	5,000	

2019 - 2022 Approved Forecast Totals	490,000	490,000	0	364,220	364,220	0	327,721	327,721	0	350,000	350,000	0
Increase/(Decrease)	61,500	61,500	0	186,390	136,390	50,000	128,000	128,000	0	105,000	105,000	0





2019 - 2023 Capital Budget

Funded by: Property Tax Supported

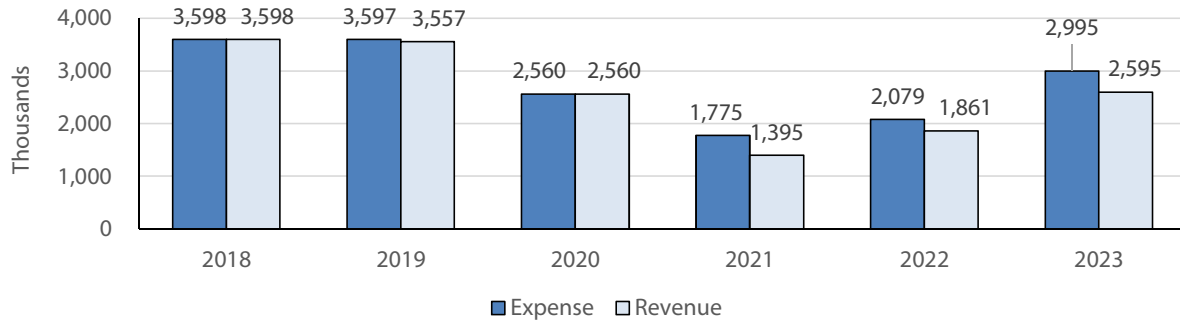
Department: Public Works

Division: Roads and Roadside

Executive Summary

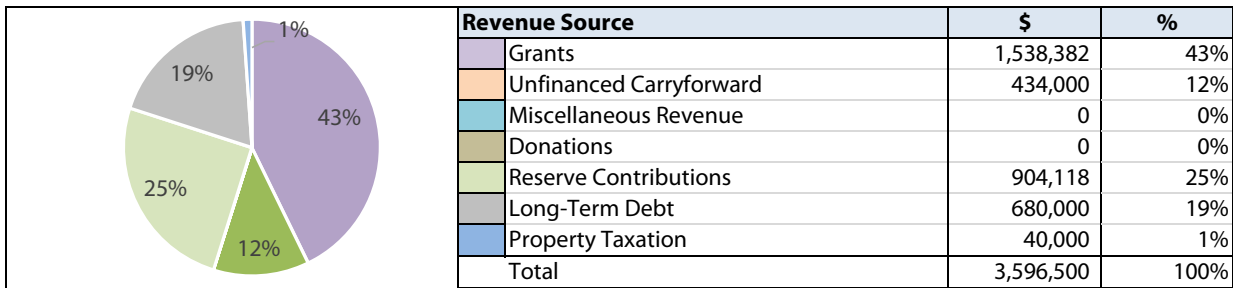
The 2019 Capital Budget for Public Works - Roads and Roadside consists of the full or partial replacement of five municipal roads.

Expense versus Revenue



Analysis of Revenue Source for 2019

For 2019 the largest funding source for Public Works - Roads and Roadside under the Capital Budget is from OCIF and Gas Tax grants in the amount of \$1,538,382 or 43%. The remainder of this budget is funded from Contributions from Reserve of \$904,118 and Long-Term Debt of \$680,000 or 19%.



Future Capital and Contributions to Reserve

The 2019 Operating Budget for Public Works - Roads and Roadside includes reserve transfers or lifecycle allocations for future capital assets related to roads and roadside in the amount of \$75,000.

Long-Term Debt (LTD) Impacts on the Operating Budget

The amount of revenue from LTD under the capital budget for Public Works - Roads and Roadside in 2019 is \$680,000. Future debt payments are estimated using a 7 year term and an interest rate of 3.20%.

The estimated future impact on the operating budget over an average 5 year term is \$46,500.

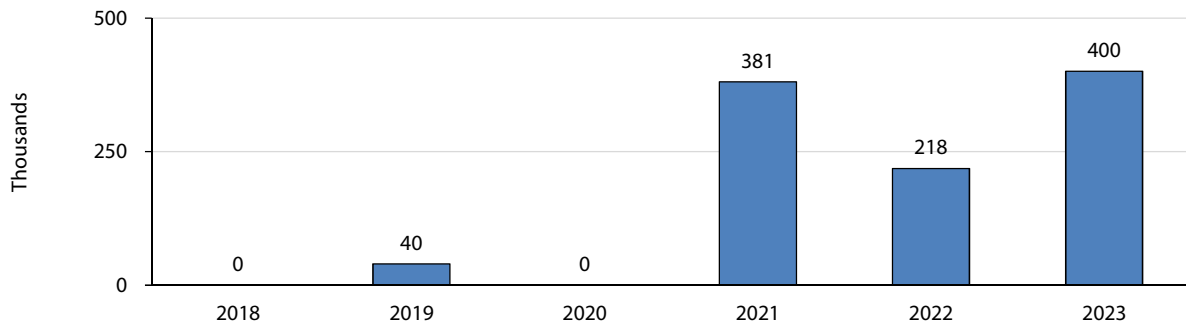


2019 - 2023 Capital Budget

Department: Public Works
 Division: Roads and Roadside

Summary			Budget	Change		Forecast			
Category	2017 Actual	2018 Budget	2019	\$	%	2020	2021	2022	2023
Expenses	1,685,285	3,597,500	3,596,500	(1,000)	0%	2,559,750	1,775,000	2,079,000	2,995,334
Revenues	1,685,285	3,597,500	3,556,500	(41,000)	-1%	2,559,750	1,394,500	1,860,764	2,595,000
Net	0	0	40,000	40,000	0%	0	380,500	218,236	400,334

Net Capital Budget (2018 to 2023)

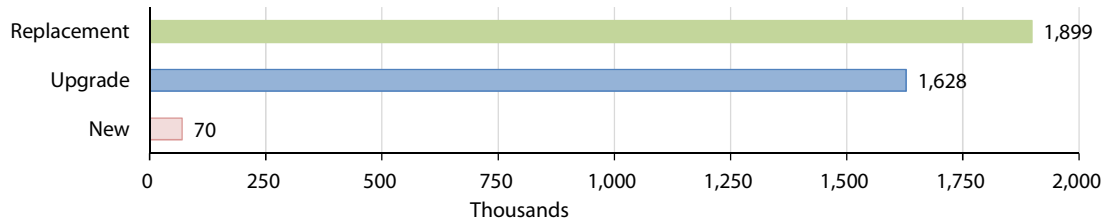


Asset Management Lifecycle Implications

Assets under Council are included in Phase 2 of the Town's Asset Management Plan, which was adopted March 27, 2017.

Capital expenditures where the project type is identified as 'Replacement' are considered to be lifecycle activities of existing assets and are fully funded through the Town's Asset Management Reserve. Projects that are identified as 'Upgrade' are funded at 50% from the Asset Management Reserve and 50% from other sources. Projects that are new are fully funded from other sources.

2019 Total Expense by Project Type



Capital expenditures where the project type is 'New' or 'Upgrade' will increase the Annual Lifecycle Requirement from their date of acquisition. The annual lifecycle requirement for these assets utilizing an estimated useful life of 10 years are:

New Asset Value	884,000
Less: Land and Studies	-
	<u>884,000</u>
Estimated Useful Life	10 years
Annual Lifecycle Requirement	88,400 per year



2019 - 2023 Capital Budget

Department: Public Works
Division: Roads and Roadside

Project Number	Project Name	Project Type	Forecast														
			2019 Budget			2020			2021			2022			2023		
			Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net
PW-19-0004	Queen Street North (Shave and Pave)	Replacement	75,000	75,000	0												
PW-19-0006	Gore Road between Wright Road and County Road 13 (Maintenance)	Replacement	341,000	341,000	0												
PW-19-0007	8th Concession between Ferriss and County Road 23 (Maintenance)	Replacement	330,000	330,000	0												
PW-19-0008	North Malden Road between Hyland and County Road 15 (Maintenance)	Replacement	587,500	587,500	0												
PW-19-0010	Overlay 6km (Approximately \$25,000/km) (Maintenance)	Replacement	150,000	150,000	0												
PW-19-0018	Sidewalks/Trails	Upgrade	868,000	868,000	0												
PW-19-0017	Rural Streetlight Installation (Colchester Village)	New	20,000	20,000	0												
PW-19-0034	Gordon, Wilson, Station Street Area	Replacement	150,000	150,000	0												
PW-19-0035	Beach Road - Meadows	Upgrade	40,000	20,000	20,000												
PW-19-0036	LED Conversion of Streetlights	Upgrade	680,000	680,000	0												
PW-19-0040	County Road 8/County Road 34 Signalized Intersection	Upgrade	40,000	20,000	20,000												
PW-19-0049	Queen Street Improvements	Replacement	265,000	265,000	0												
PW-19-0053	Sidewalk upgrades	Upgrade	50,000	50,000	0												
PW-20-0009	North Malden Road (County Road 15 and Walker Sideroad) (Maintenance)	Replacement				630,000	630,000	0									
PW-20-0010	Shave and Pave Miscellaneous Roads	Replacement				150,000	150,000	0									
PW-20-0011	Overlay 6km (Approximately \$25,000/km) (Maintenance)	Replacement				150,000	150,000	0									
PW-20-0012	Iler Road between County Road 20 and Huffman (Maintenance)	Replacement				281,750	281,750	0									
PW-20-0013	4th Concession between McCormick and County Road 11 (Maintenance)	Replacement				526,000	526,000	0									
PW-20-0016	Rural Streetlight Installation (Colchester Village)	New				25,000	25,000	0									
PW-20-0017	Sidewalks/Trails	Upgrade				434,000	434,000	0									
PW-20-0033	5th Concession (Smith Road to County Road 11) Rehabilitation	Replacement				363,000	363,000	0									
PW-21-0009	North Malden Road (County Road 15 and Walker Sideroad)	Replacement							440,000	440,000	0						
PW-21-0013	Overlay 6km (Approximately \$25,000/km) (Maintenance)	Replacement							150,000	150,000	0						
PW-21-0014	Shave and Pave Miscellaneous Roads	Replacement							150,000	150,000	0						
PW-21-0023	4th Concession between County Road 11 and Drummond	Replacement							450,000	450,000	0						
PW-21-0007	Sidewalks/Trails	Upgrade							450,000	75,000	375,000						
PW-21-0008	Rural Streetlight Installation	New							25,000	19,500	5,500						
PW-21-0024	Erie Blue (Beach Road)	Replacement							110,000	110,000	0						
PW-22-0004	North Malden Road between Tremblay and County Road 11 (Maintenance)	Replacement										264,000	264,000	0			
PW-22-0006	Overlay 6km (Approximately \$25,000/km) (Maintenance)	Replacement										150,000	150,000	0			
PW-22-0007	4th Concession between County Road 11 and Drummond (Maintenance)	Replacement										390,000	390,000	0			
PW-22-0008	Shave and Pave Miscellaneous Roads	Replacement										200,000	200,000	0			
PW-22-0009	Miscellaneous Roadwork (Maintenance)	Replacement										500,000	432,603	67,397			
PW-22-0010	Twin Gables (Beach Road)	Replacement										100,000	0	100,000			
PW-22-0011	Sidewalks/Trails	New										450,000	404,661	45,339			
PW-22-0012	Rural Streetlight Installation	New										25,000	19,500	5,500			
PW-23-0010	Roads Average	Replacement													2,520,000	2,520,000	0
PW-23-0011	Trails Average	Upgrade													475,334	75,000	400,334
Total			3,596,500	3,556,500	40,000	2,559,750	2,559,750	0	1,775,000	1,394,500	380,500	2,079,000	1,860,764	218,236	2,995,334	2,595,000	400,334

2019 - 2022 Approved Forecast Totals 2,166,000 2,166,000 0 2,212,750 2,212,750 0 1,775,000 1,769,500 5,500 2,079,000 1,820,764 258,236
 Increase/(Decrease) 1,430,500 1,390,500 40,000 347,000 347,000 0 0 (375,000) 375,000 0 40,000 (40,000)





2019 - 2023 Capital Budget

Funded by: Property Tax Supported

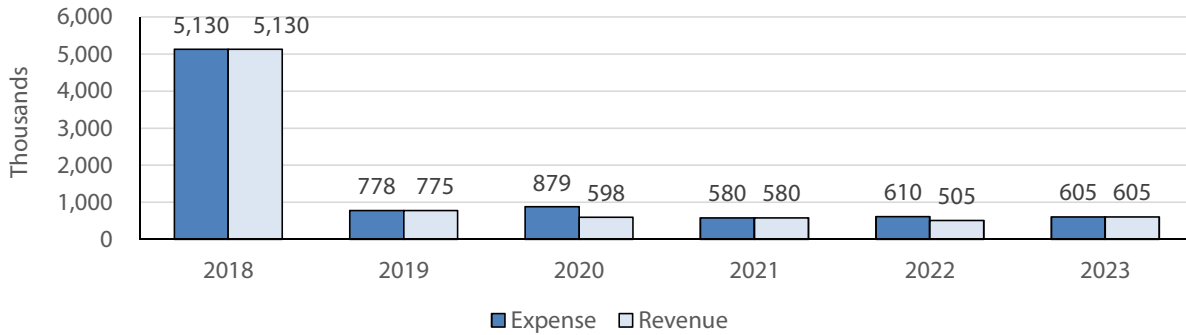
Department: Public Works

Division: Stormwater Management

Executive Summary

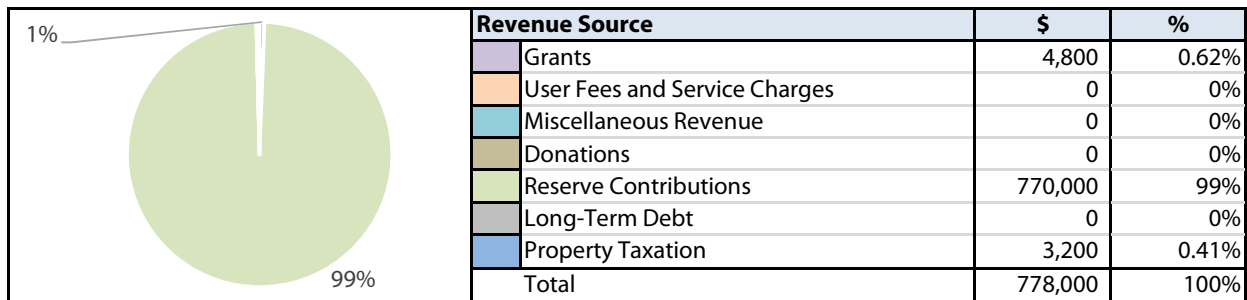
The 2019 Capital Budget for Public Works - Stormwater Management consists of rehabilitation work to bridges or culverts within the Municipality in the form of either engineering or construction.

Expense versus Revenue



Analysis of Revenue Source for 2019

For 2019 the largest funding source for Public Works - Stormwater Management is funded from reserve contributions at \$770,000 or 99%. The remainder of this budget is funded from Grants and taxation.



Future Capital and Contributions to Reserve

The 2019 Operating Budget for Stormwater Management includes a reserve transfer or lifecycle allocation for future capital assets in the amount of \$0.

Long-Term Debt (LTD) Impacts on the Operating Budget

Not Applicable.

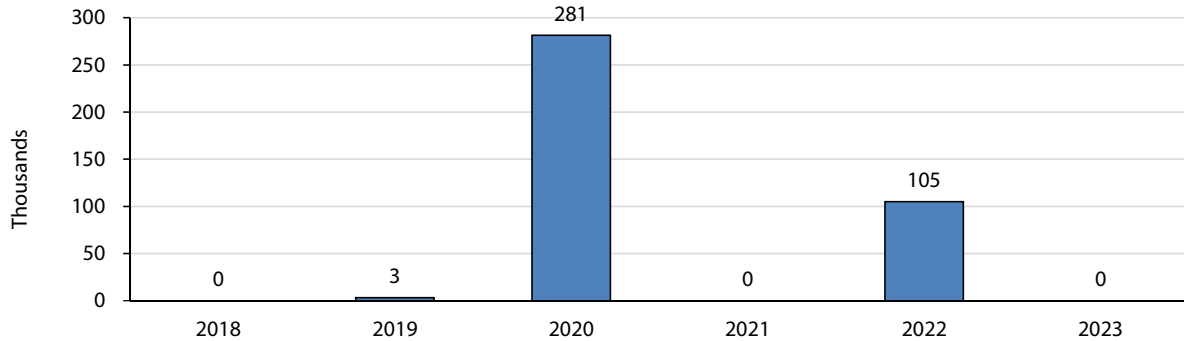


2019 - 2023 Capital Budget

Department: Public Works
 Division: Stormwater Management

Summary			Budget	Change		Forecast			
Category	2017 Actual	2018 Budget	2019	\$	%	2020	2021	2022	2023
Expenses	451,177	5,129,912	778,000	(4,351,912)	-85%	879,000	580,000	610,000	605,000
Revenues	451,177	5,129,912	774,800	(4,355,112)	-85%	597,697	580,000	505,000	605,000
Net	0	0	3,200	3,200	0%	281,303	0	105,000	0

Net Capital Budget (2018 to 2023)

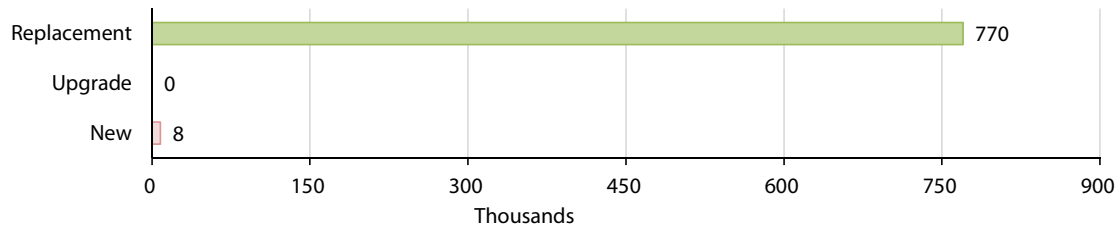


Asset Management Lifecycle Implications

Assets under Council are included in Phase 2 of the Town's Asset Management Plan, which was adopted March 27, 2017.

Capital expenditures where the project type is identified as 'Replacement' are considered to be lifecycle activities of existing assets and are fully funded through the Town's Asset Management Reserve. Projects that are identified as 'Upgrade' are funded at 50% from the Asset Management Reserve and 50% from other sources. Projects that are new are fully funded from other sources.

2019 Total Expense by Project Type



Capital expenditures where the project type is 'New' or 'Upgrade' will increase the Annual Lifecycle Requirement from their date of acquisition. The annual lifecycle requirement for these assets utilizing an estimated useful life of 10 years are:

New Asset Value	8,000
Estimated Useful Life	10 years
Annual Lifecycle Requirement	800 per year



2019 - 2023 Capital Budget

Department: Public Works
Division: Stormwater Management

Project Number	Project Name	Project Type	Forecast														
			2019 Budget			2020			2021			2022			2023		
			Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net
PW-19-0025	Engineering for Various Bridges and Culverts	Replacement	40,000	40,000	0												
PW-19-0033	3rd Concession and Suffolk Road Culvert 200203 (Construction)	Replacement	580,000	580,000	0												
PW-19-0048	Harrow Junior School Storm Sewer Improvements	Replacement	150,000	150,000	0												
PW-19-0050	Rain Gauges in Partnership with ERCA	Replacement	8,000	4,800	3,200												
PW-20-0021	Engineering for Various Bridges and Culverts	Replacement				40,000	40,000	0									
PW-20-0023	6th Concession and Marsh Bridge 200501	Replacement				35,000	0	35,000									
PW-20-0030	McCormick Sideroad and 14th Concession Culvert 208002 (Construction)	Replacement				260,000	260,000	0									
PW-20-0031	Coulter Sideroad and 9th Concession Culvert 102205	Replacement				294,000	172,697	121,303									
PW-20-0034	Richmond Drain Bank Stabilization	Upgrade				250,000	125,000	125,000									
PW-21-0011	Engineering for Various Bridges and Culverts	Replacement							50,000	50,000	0						
PW-21-0018	3rd Concession and County Road 23 Bridge 200204	Replacement							30,000	30,000	0						
PW-21-0025	South Malden Road and Mole Sideroad Bridge 103904	Replacement							305,000	305,000	0						
PW-21-0026	Walker Sideroad/North Malden Road Bridge 106101	Replacement							195,000	195,000	0						
PW-22-0001	4th Concession and McLean Bridge 200303	Replacement										300,000	300,000	0			
PW-22-0003	Engineering for Various Bridges and Culverts	Replacement										50,000	0	50,000			
PW-22-0013	South Malden Road and County Road 11 Bridge 103901	Replacement										55,000	0	55,000			
PW-22-0014	Ferris Sideroad/4th Concession Bridge 200404	Replacement										205,000	205,000	0			
PW-23-0001	3rd Concession/Roseborough Road Bridge 200201	Replacement													185,000	185,000	0
PW-23-0002	5th Concession/McCormick Sideroad Bridge 200403	Replacement													320,000	320,000	0
PW-23-0003	12th Concession/County Road 11 Bridge 100302	Replacement													50,000	50,000	0
PW-23-0004	Engineering for Various Bridges and Culverts	Replacement													50,000	50,000	0
Total			778,000	774,800	3,200	879,000	597,697	281,303	580,000	580,000	0	610,000	505,000	105,000	605,000	605,000	0

2019 - 2022 Approved Forecast Totals	539,000	325,494	213,506	539,000	539,000	0	436,000	436,000	0	532,000	532,000	0
Increase/(Decrease)	239,000	449,306	-210,306	340,000	58,697	281,303	144,000	144,000	0	78,000	-27,000	105,000





2019 - 2023 Capital Budget

Funded by: Property Tax Supported

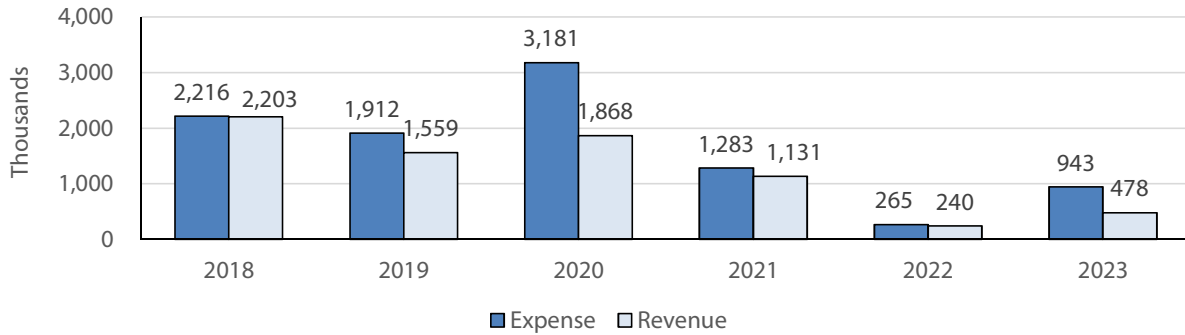
Department: Community Services

Division: Arenas, Community Centres, Harbour, Miscellaneous Recreation, Parks, Sports Fields

Executive Summary

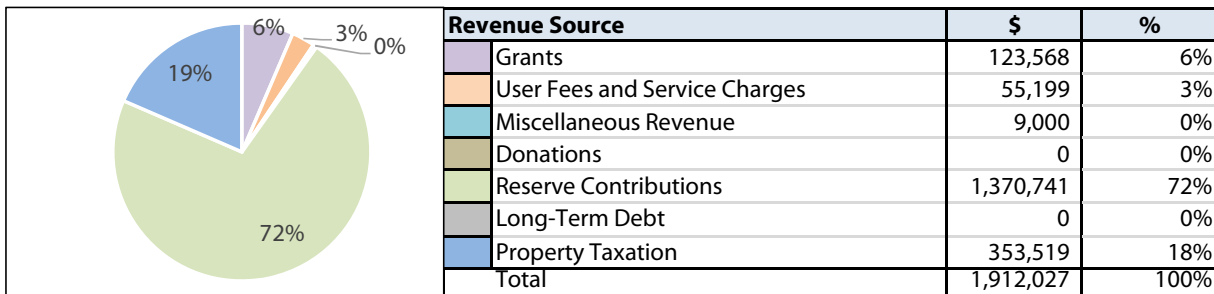
The 2019 Capital Budget for Community Services consists of upgrades and repairs to buildings, the acquisition of various pieces of machinery and equipment, and the construction of an accessible ramp at Colchester Beach and the development of Townsview Park.

Expense versus Revenue



Analysis of Revenue Source for 2019

For 2019 the largest funding source for Community Services under the Capital Budget is from Reserve Contributions at \$1,370,741 or 72%. The second largest funding source is from Property taxation at \$353,519 or 18%. Grant funding makes up \$123,568 or 6% of the funding. The remaining funding includes contributions from the school board for capital projects located at the Essex Recreation Complex, and Amherstburg's contribution to Capital at Co-An Park.



Future Capital and Contributions to Reserve

The 2019 Operating Budget for Community Services includes reserve transfers or lifecycle allocations for future capital assets under each of its respective divisions. Contributions to Reserve for 2019 under the Community Services department are budgeted at \$210,000.

Long-Term Debt (LTD) Impacts on the Operating Budget

Not Applicable.

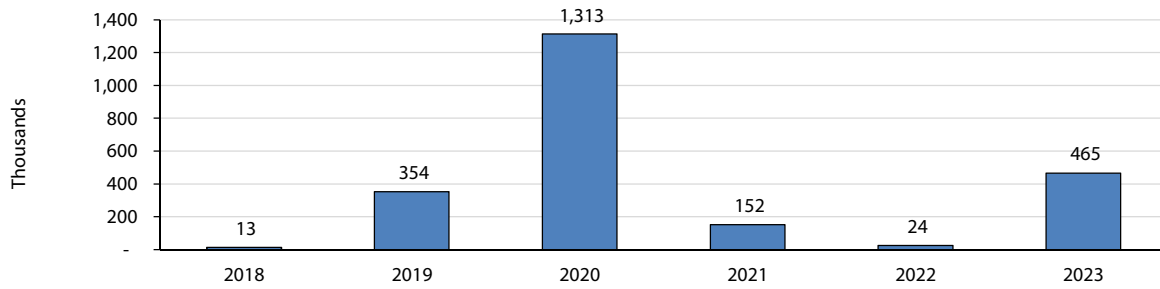


2019 - 2023 Capital Budget

Department: Community Services
 Division: Arenas, Community Centres, Harbour, Miscellaneous Recreation, Parks, Sports Fields

Summary			Budget	Change		Forecast			
Category	2017 Actual	2018 Budget	2019	\$	%	2020	2021	2022	2023
Expenses	2,810,712	2,215,926	1,912,027	(303,899)	-14%	3,181,151	1,282,757	264,638	943,314
Revenues	2,604,160	2,202,753	1,558,508	(644,245)	-29%	1,868,070	1,131,083	240,160	478,042
Net	206,552	13,173	353,519	340,346	2584%	1,313,081	151,673	24,478	465,273

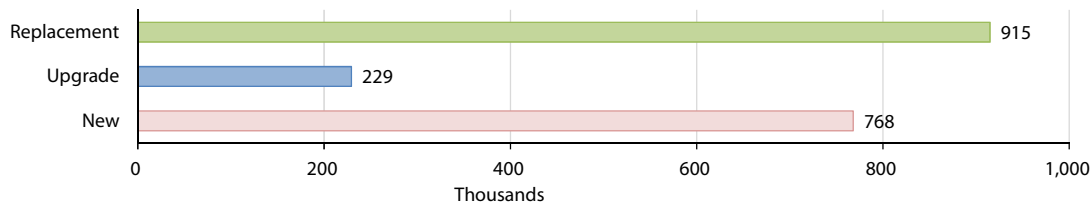
Net Capital Budget (2018 to 2023)



Asset Management Lifecycle Implications

Assets under Council are included in Phase 2 of the Town's Asset Management Plan, which was adopted March 27, 2017. Capital expenditures where the project type is identified as 'Replacement' are considered to be lifecycle activities of existing assets and are fully funded through the Town's Asset Management Reserve. Projects that are identified as 'Upgrade' are funded at 50% from the Asset Management Reserve and 50% from other sources. Projects that are new are fully funded from other sources.

2019 Total Expense by Project Type



Capital expenditures where the project type is 'New' or 'Upgrade' (with the exception of land and studies) will increase the Annual Lifecycle Requirement from their date of acquisition. The annual lifecycle requirement for these assets utilizing an estimated useful life of 10 years are:

New Asset Value	882,537
Less: Land and Studies	0
	882,537
Estimated Useful Life	10 years
Annual Lifecycle Requirement	88,254 per year



2019 - 2023 Capital Budget

Department: Community Services
 Division: Arenas, Community Centres, Harbour, Miscellaneous Recreation, Parks

Project Number	Project Name	Project Type	Forecast														
			2019 Budget			2020			2021			2022			2023		
			Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net
CS-19-0001	Ball Diamond Rehabilitation (Annual) in Essex and Harrow	Replacement	15,000	15,000	0												
CS-19-0002	Soccer Field Rehabilitation in Essex and Harrow	Replacement	15,000	15,000	0												
CS-19-0008	Replace 846-09 John Deere HPX Diesel Gator	Replacement	29,000	29,000	0												
CS-19-0012	Pool Controller Replacement in Essex Recreation Complex	Replacement	7,755	7,755	0												
CS-19-0013	15-HP Pump Replacement at Essex Recreation Complex	Replacement	3,500	3,500	0												
CS-19-0017	Replace Kubota Zero Turn Mower	Replacement	8,100	8,100	0												
CS-19-0021	Wireless Radio Upgrade at Essex Recreation Complex	Upgrade	10,405	10,405	0												
CS-19-0029	Concrete Tables Replacement at Colchester Harbour	Replacement	4,742	4,742	0												
CS-19-0032	Colchester Schoolhouse Rehabilitation (carry forward CS-16-0049)	Replacement	37,500	37,500	0												
CS-19-0035	Harrow Splashpad Controller Reprogram for Portable Water Bypass	Upgrade	5,000	2,500	2,500												
CS-19-0040	Automatic Floor Scrubber Replacement at Harrow Centre Sports Complex	Replacement	7,022	7,022	0												
CS-19-0041	Power Washer for Dressing Room Replacement at Harrow Centre Sports Complex	Replacement	3,058	3,058	0												
CS-19-0042	LED Screen Replacement at Essex Recreation Complex	Replacement	10,238	10,238	0												
CS-19-0046	HVAC Replacement in Gym at Essex Community Centre	Replacement	51,800	51,800	0												
CS-19-0053	Phase 3 of Parking Lot at Essex Centre Sports Complex	Replacement	398,300	398,300	0												
CS-19-0056	Renovate Old Poolhouse in Essex (close to Splash Pad)	Upgrade	100,000	65,000	35,000												
CS-19-0060	New Signage Shared with Essex Library	Upgrade	30,000	19,500	10,500												
CS-19-0061	Remove, Supply and Install Tiles in Various Rooms at Essex Recreation Complex	Replacement	60,000	60,000	0												
CS-19-0062	Replace Starting Blocks at Pool in Essex Recreation Complex	Replacement	18,500	18,500	0												
CS-19-0064	Art & Culture Project - Mural/Sculpture	New	10,000	0	10,000												
CS-19-0088	Heritage Train Station Remove and Reset Interlocking Brick	Replacement	16,000	16,000	0												
CS-19-0066	McGregor Tennis Court Repairs	Replacement	13,228	13,228	0												
CS-19-0067	Replace Sidewalks at Harrow Library	Replacement	4,400	4,400	0												
CS-19-0068	Acid Wash the Plate and Frame on Heat Exchanger in Twin Pad Arenas	Replacement	19,000	19,000	0												
CS-19-0069	Golf Cart & Trailer, Parks Summer	New	11,200	10,080	1,120												
CS-19-0071	New Garbage Enclosures across Municipality (1 per year at minimum)	New	4,478	0	4,478												
CS-19-0072	Pylon Sign LED display Panels in McGregor Community Centre	Upgrade	27,900	13,950	13,950												
CS-19-0073	Townsvie Park	New	275,000	247,500	27,500												
CS-19-0074	Pave Essex Dog Park Trail	New	29,707	26,736	2,971												
CS-19-0075	Colchester Parking - Town Lot (Dunn and County Road 50) Phase 1	New	215,000	0	215,000												
CS-19-0079	Portable Water Bypass at Harrow Splash Pad	Replacement	7,000	7,000	0												
CS-19-0080	Upgrades to Colchester Beach Public washrooms	Upgrade	6,000	3,000	3,000												
CS-19-0081	Remove and Replace Interlocking Brick in Front of Colchester Community Centre	Replacement	15,000	15,000	0												
CS-19-0082	Replace Air Conditioner and Furnaces at Colchester Community Centre	Replacement	24,000	24,000	0												
CS-19-0083	Upgrades to Colchester Splash Pad	Upgrade	30,000	15,000	15,000												
CS-19-0084	Drop Box Move to Harrow Arena	New	2,500	0	2,500												
CS-19-0089	Replacement of HVAC for Gymnasium at Essex Recreation Complex	Replacement	44,394	44,394	0												
CS-19-0095	Replace LED portion on the Pylon Sign at the Essex Centre Sports Complex	Replacement	35,000	35,000	0												
CS-19-0096	Furnace Replacement at Lion's Hall	Replacement	14,000	14,000	0												
CS-19-0097	Washroom upgrades at Lion's Hall	Upgrade	20,000	10,000	10,000												
CS-19-0098	Colchester Beach Accessible Ramp Access	New	220,000	220,000	0												
CS-19-0106	Dock B Power Upgrades	Upgrade	53,300	53,300	0												
CS-20-0001	Ball Diamond Rehabilitation (Annual) in Essex and Harrow	Replacement				15,000	15,000	0									
CS-20-0002	Soccer Field Upgrades in Essex and Harrow	Upgrade				15,000	7,500	7,500									
CS-20-0004	Acidwash lap pool deck, viewing area, and change room tiles at Essex Recreation Complex	Replacement				6,627	6,627	0									
CS-20-0005	Dehumidifier Replacement at Essex Recreation Complex	Replacement				225,000	225,000	0									
CS-20-0006	Stainless Steel Railing Replacement at Essex Recreation Complex	Replacement				4,826	4,826	0									
CS-20-0007	Float B - 30 Finger Docks Replacement in Colchester Harbour	Replacement				148,059	148,059	0									
CS-20-0009	Upgrade Lighting at Colchester Harbour	Upgrade				14,288	7,144	7,144									
CS-20-0014	Retaining Wall in Colchester Harbour	Upgrade				38,533	31,767	6,767									
CS-20-0016	Canopy Roof Restoration at Essex Recreation Complex	Replacement				15,000	15,000	0									
CS-20-0019	Unit 810-10 Ford F150 Replacement	Replacement				65,000	65,000	0									
CS-20-0020	Replace 2011 Kioti Tractor (Asset 24068)	Replacement				55,000	55,000	0									

Project Number	Project Name	Project Type	2019 Budget			2020			2021			2022			2023		
			Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net
CS-20-0024	Backup Filter Pump Motor Replacement at Essex Recreation Complex	Replacement				2,910	2,910	0									
CS-20-0025	Tennis Court Rehabilitation in Harrow Centre	Replacement				97,080	97,080	0									
CS-20-0032	Relocate Pavilion at Sadler's Park	Replacement				8,000	8,000	0									
CS-20-0033	New Leaf and Turf Vacuum	New				16,027	16,027	0									
CS-20-0034	Colchester Building Upper Parking Lot	Replacement				200,000	100,000	100,000									
CS-20-0035	Infielder for Harrow and Essex Parks	Upgrade				27,500	13,750	13,750									
CS-20-0036	In-ground Waste Management Containers	Upgrade				9,373	4,687	4,687									
CS-20-0037	Paved Driveway at Co-An Park	Upgrade				38,796	29,097	9,699									
CS-20-0038	Ice Resurfacers at Harrow Centre Sports Complex	Replacement				90,900	90,900	0									
CS-20-0039	Roof Restoration at Fieldhouse	Replacement				50,180	50,180	0									
CS-20-0040	Dugouts at Harrow Diamonds	New				15,000	15,000	0									
CS-20-0041	Pave Parking Lot next to Frostys	Upgrade				160,000	80,000	80,000									
CS-20-0042	Tennis Courts in Essex	New				240,000	240,000	0									
CS-20-0043	Essex Centre Sports Complex Dressing Room Floor Upgrade	Upgrade				27,500	13,750	13,750									
CS-20-0044	Replace Rubber Tiles in Two Dressing Rooms and the Main Hall of the Libro Rink at Essex Centre Sports	Replacement				49,500	49,500	0									
CS-20-0045	Manual Flushometers at Harrow Soccer Park	Upgrade				3,000	1,500	1,500									
CS-20-0046	Top Dresser for Sports Fields	New				29,400	28,000	1,400									
CS-20-0047	Art & Culture Project - Mural/Sculpture	New				10,000	0	10,000									
CS-20-0048	Replace LED portion on the Pylon Sign at the Essex Centre Sports Complex	Replacement				0	0	0									
CS-20-0049	Proper Garbage Cans in Spots	New				10,000	0	10,000									
CS-20-0050	New Garbage Enclosures across Municipality (1 per year at minimum)	New				4,478	0	4,478									
CS-20-0051	Fencing at Back of the Essex Centre Sports Complex	New				9,100	0	9,100									
CS-20-0052	New Screw Compressor and Motor for the Compressor Room in Twin Pad Arenas	Replacement				43,000	43,000	0									
CS-20-0053	Dog Park Agility Items	New				8,840	0	8,840									
CS-20-0054	Washrooms in Heritage Park	New				150,000	0	150,000									
CS-20-0055	McGregor Flag Poles	New				6,000	0	6,000									
CS-20-0056	Heritage Train Station Landscaping	New				8,000	0	8,000									
CS-20-0057	Electrical to Heritage Gardens	New				84,100	0	84,100									
CS-20-0058	Irrigation at Tot Park and Town Hall	New				20,000	0	20,000									
CS-20-0059	Two (2) Main Road Closure Signs for Events	New				11,000	0	11,000									
CS-20-0060	Power Upgrades at Colchester Harbour	Upgrade				30,000	15,000	15,000									
CS-20-0061	Gate at Colchester Harbour Road Way	New				10,000	0	10,000									
CS-20-0062	Install FOBs at Colchester Community Centre	New				5,000	0	5,000									
CS-20-0063	Hunter Park Replace Playground Equipment	Replacement				20,000	20,000	0									
CS-20-0064	Upgrade Outdoor Washrooms at Fieldhouse (Accessible)	Upgrade				30,000	15,000	15,000									
CS-20-0065	Bridlewood Park Pavilion Upgrades	Upgrade				16,027	8,014	8,014									
CS-20-0066	Fence around Harrow Tennis Court	Replacement				11,300	11,300	0									
CS-20-0067	Field Sprayer (Laser) Replacement for Harrow Soccer Complex	Replacement				2,600	2,600	0									
CS-20-0068	2 New Lights on Path from McKeown to Sadler's Park	New				30,000	29,500	500									
CS-20-0069	Sliding Accessible Entrance Doors (2 Sets) at Essex Centre Sports Complex	Upgrade				35,000	17,500	17,500									
CS-20-0070	Replace Rubber at Colchester Playground	Replacement				100,000	100,000	0									
CS-20-0071	Proper Garbage Cans in Spots	New				10,000	0	10,000									
CS-20-0072	Sliding Accessible Doors to Dressing Rooms at Harrow Centre Sports Complex	Upgrade				10,000	5,000	5,000									
CS-20-0073	Replace 4-Wheel Drive Kioti at Harrow Soccer Complex	Upgrade				51,000	25,500	25,500									
CS-20-0074	Work in Tulleys Meadow bush in Essex	New				10,000	0	10,000									
CS-20-0075	Parking Lot Upgrades at Sadler's Park	Replacement				98,707	49,354	49,354									
CS-20-0076	Colchester Parking - Along Jackson new area along fence	New				120,000	0	120,000									
CS-20-0077	Colchester Parking - Splash Pad Lot	Replacement				105,000	105,000	0									
CS-20-0078	Colchester Parking - Frosty Lot	Replacement				160,000	0	160,000									
CS-20-0079	Essex and Harrow Arena 1/2 of youth rink Boards	New				15,000	0	15,000									
CS-20-0080	Construction and Installation of 2 Way Glass Wall for Huron Room	Upgrade				24,500	0	24,500									
CS-20-0081	Install gates and FOBs at each Colchester Dock Entrance	New				40,000	0	40,000									
CS-20-0082	Colchester Parking - Town Lot (Dunn and County Road 50) Phase 1 of 2	New				215,000	0	215,000									
CS-21-0001	Replace Ice Resurfacers 850-00 at Essex Centre Sports Complex	Replacement							92,000	92,000	0						
CS-21-0002	Replace Skate Sharpener at Harrow Centre Sports Complex	Replacement							10,875	10,875	0						
CS-21-0003	Replace Battery Operated Ice Edger at Harrow Centre Sports Complex	Replacement							5,147	5,147	0						
CS-21-0004	Replace Rink Netting at Essex Centre Sports Complex	Replacement							35,000	35,000	0						
CS-21-0005	Replace Ice Edger at Essex Centre Sports Complex	Replacement							5,217	5,217	0						
CS-21-0007	Replace Heater Units and Switch in gym at Essex Community Centre	Replacement							4,289	4,289	0						
CS-21-0008	Replace Chair Lift at McGregor Community Centre	Replacement							1,654	1,654	0						
CS-21-0009	Wireless Upgrade at McGregor Community Centre	Upgrade							13,441	6,721	6,720						
CS-21-0010	Replace Tilt Shower Commode at Essex Recreation Complex	Replacement							1,628	1,628	0						
CS-21-0012	Exterior Signage at Essex Recreation Complex	Replacement							3,829	3,829	0						
CS-21-0013	Replace Pump for Lap Pool at Essex Recreation Complex	Replacement							3,049	3,049	0						
CS-21-0014	Replace Intercom/PA System at Essex Recreation Complex	Replacement							2,386	2,386	0						
CS-21-0015	New Tile in Showers at Essex Recreation Complex	Replacement							6,609	6,609	0						
CS-21-0016	Ball Field Finisher	Replacement							1,617	1,617	0						
CS-21-0019	Ball Diamond Rehabilitation (Annual) in Essex and Harrow	Replacement							15,000	15,000	0						
CS-21-0020	Soccer Park Rehabilitation (Annual) in Essex and Harrow	Replacement							15,000	15,000	0						
CS-21-0021	Pickup Truck	Replacement							40,000	40,000	0						
CS-21-0022	New Picnic Tables for Parks	Replacement							15,000	15,000	0						

Project Number	Project Name	Project Type	2019 Budget			2020			2021			2022			2023		
			Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net
CS-21-0023	Buoys for Colchester Harbour	Replacement							3,396	3,396	0						
CS-21-0026	Folding Tables for Jackson Park	New							8,000	0	8,000						
CS-21-0028	Expansion Float and Brine Pump Replacement at Essex Centre Sports Complex	Replacement							3,956	3,956	0						
CS-21-0029	Projector and Screen Replacement at Essex Centre Sports Complex	Replacement							4,344	4,344	0						
CS-21-0030	Replace Dishwasher at McGregor Community Centre	Replacement							3,640	3,640	0						
CS-21-0034	Sadler's Park Power Pedestals	New							50,000	0	50,000						
CS-21-0035	Automatic Door Replacement at Essex Centre Sports Complex	Replacement							30,432	30,432	0						
CS-21-0036	Skateboard Ramp Replacement in Harrow	Replacement							43,781	43,781	0						
CS-21-0037	Skateboard Ramp Replacement in Essex	Replacement							43,511	43,511	0						
CS-21-0038	Lights on Towers at Co-An Park	Replacement							30,000	30,000	0						
CS-21-0039	Replace 844-09 Toro Mower	Replacement							83,000	83,000	0						
CS-21-0040	Cement Walkway into Stanton park	New							31,000	31,000	0						
CS-21-0041	Condenser Replacement at Harrow Arena	Replacement							57,792	57,792	0						
CS-21-0042	Ice Maintenance Level Laser	Replacement							10,000	10,000	0						
CS-21-0043	New Public Washrooms/Change Room at Harrow Splashpad	New							150,000	120,100	29,900						
CS-21-0044	Replace Rubber Tiles in Two Dressing Rooms and in the Main Hall of Libro Rink - Twin Pad Arenas	Replacement							51,700	51,700	0						
CS-21-0045	Parks Outdoor Tools and Equipment	New							13,000	13,000	0						
CS-21-0046	Parks Equipment Upgrades	Upgrade							45,150	22,575	22,575						
CS-21-0048	Replace Gas Pump at Colchester Harbour	Replacement							8,884	8,884	0						
CS-21-0049	Replace Lights at Essex Diamond 1	Replacement							287,000	287,000	0						
CS-21-0050	Arts and Culture Project - Mural/Sculpture	New							10,000	0	10,000						
CS-21-0051	New Garbage Enclosures across Municipality (1 per year at minimum)	New							4,478	0	4,478						
CS-21-0052	Replace the Stall Partitions in the Dressing Rooms at the Essex Centre Sports Complex	Replacement							17,951	17,951	0						
CS-21-0053	Irrigation Heritage Gardens Train Station	New							20,000	0	20,000						
CS-22-0001	Fence in All-Purpose Room at Essex Recreation Complex	Replacement										1,759	1,759	0			
CS-22-0002	Replace Rubber Tiles in Two Dressing Rooms at Essex Centre Sports Complex	Replacement										28,000	28,000	0			
CS-22-0003	Upgrade Lighting to LED at Essex Centre Sports Complex (Libro Rink)	Upgrade										56,000	56,000	0			
CS-22-0004	Boiler Equipment Upgrades at Essex Centre Sports Complex	Upgrade										37,100	37,100	0			
CS-22-0005	Boiler Equipment Upgrades at Essex Centre Sports Complex	Upgrade										46,446	46,446	0			
CS-22-0006	Parking Lot Upgrades at Essex Centre Sports Complex	Upgrade										30,000	30,000	0			
CS-22-0007	Roof Upgrades at Essex Centre Sports Complex	Upgrade										10,000	10,000	0			
CS-22-0008	Dock Scrubber Replacement in Colchester Harbour	Replacement										2,355	2,355	0			
CS-22-0009	Ventilation in Mechanical Room at McGregor Community Centre	Upgrade										3,500	3,500	0			
CS-22-0010	Arts and Culture Project - Mural/Sculpture	New										10,000	0	10,000			
CS-22-0011	Puck Boards and Dasher Boards in Twin Pad Arenas	Replacement										15,000	15,000	0			
CS-22-0012	New Garbage Enclosures across Municipality (1 per year at minimum)	New										4,478	0	4,478			
CS-22-0013	Canteen Equipment Upgrades in Twin Pad Arenas	Upgrade										20,000	10,000	10,000			
CS-23-0001	Arts and Culture Project - Mural/Sculpture	New													10,000	0	10,000
CS-23-0002	C- Dock Replacement in Colchester Harbour	Replacement													30,000	30,000	0
CS-23-0003	Pavilion at Colchester Park	New													350,000	0	350,000
CS-23-0004	4 WD Tractor	Replacement													31,000	31,000	0
CS-23-0005	Replace Pick up 867	Replacement													50,000	50,000	0
CS-23-0006	Stand on Floor Scrubber in Twin Pad Arenas	Replacement													9,000	9,000	0
CS-23-0007	Replace Shingles Heritage Train Station Roof	Replacement													7,000	7,000	0
CS-23-0008	Replace Domestic Hot Water Tank in Twin Pad Arenas	Replacement													8,500	8,500	0
CS-23-0009	Replace Puck Boards on the Shaheen Rink	Replacement													8,000	8,000	0
CS-23-0010	Replace the Washroom Stall Partitions Essex Centre Sports Complex	Replacement													27,247	27,247	0
CS-23-0011	New Lights and Drop Ceiling in Shaheen Room	Upgrade													45,589	22,795	22,795
CS-23-0012	New LED lights Shaheen Rink	New													58,000	0	58,000
CS-23-0013	Boilers- Mechanical Room of the Essex Centre Sports Complex	Replacement													25,000	25,000	0
CS-23-0014	New Fencing Fairview Avenue and Max Miller Way	Replacement													58,000	58,000	0
CS-23-0015	New HVAC Units at the Essex Centre Sports Complex	Replacement													144,000	144,000	0
CS-23-0016	Upgrades to Heat Recovery Unit in Essex Centre Sports Complex	Upgrade													40,000	20,000	20,000
CS-23-0017	Replace Exhaust Fan at Canteen in Essex Centre Sports Complex	Replacement													8,000	8,000	0
CS-23-0018	New Garbage Enclosures across Municipality (1 per year at minimum)	New													4,478	0	4,478
CS-23-0019	Replace Bleachers Sports Fields Essex	Replacement													15,000	15,000	0
CS-23-0020	Replace Field Line Sprayer for Sports Fields in Essex	Replacement													4,500	4,500	0
CS-23-0022	Replace Fencing in Essex Sports Parks	Replacement													10,000	10,000	0
Total			1,912,027	1,558,508	353,519	3,181,151	1,868,070	1,313,081	1,282,757	1,131,083	151,673	264,638	240,160	24,478	943,314	478,042	465,273
2019 - 2022 Approved Forecast Totals			768,829	738,829	30,000	1,444,974	1,349,974	95,000	1,114,381	914,881	199,500	169,599	169,599	0			
Increase/(Decrease)			1,143,198	819,679	323,519	1,736,177	518,096	1,218,081	168,376	216,202	-47,827	95,039	70,561	24,478			





2019 - 2023 Capital Budget

Funded by: Property Tax Supported

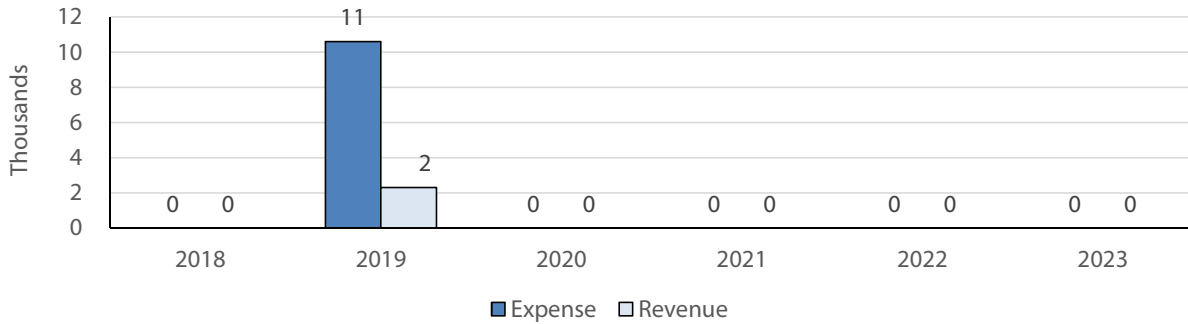
Department: Health Services

Division: Cemeteries

Executive Summary

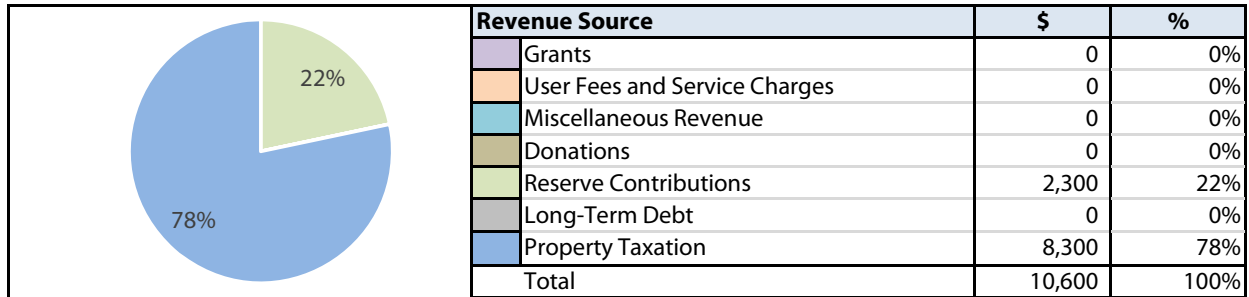
The 2019 Capital Budget for Health Services consists of roof repairs and a new software system for cemeteries.

Expense versus Revenue



Analysis of Revenue Source for 2019

For 2019 the largest source of funding is property taxation followed by reserve contributions.



Future Capital and Contributions to Reserve

The 2019 Operating Budget for Health Services - Cemeteries includes \$9,880 of transfers to reserve or lifecycle contributions for future capital.

Long-Term Debt (LTD) Impacts on the Operating Budget

Not Applicable.



2019 - 2023 Capital Budget

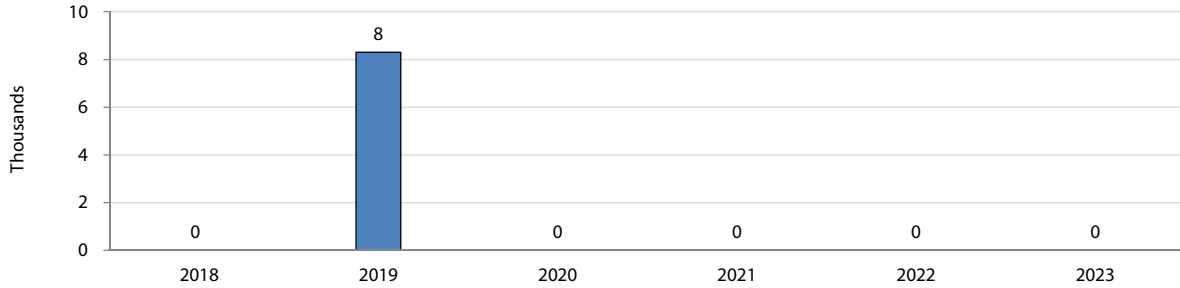
Department: Health Services

Division: Cemeteries

Summary

Category	2017 Actual	2018 Budget	Budget		Change		Forecast			
			2019		\$	%	2020	2021	2022	2023
Expenses	0	0	10,600		10,600	0%	0	0	0	0
Revenues	0	0	2,300		2,300	0%	0	0	0	0
Net	0	0	8,300		8,300	0%	0	0	0	0

Net Capital Budget (2018 to 2023)



Asset Management Lifecycle Implications

Assets under Council are included in Phase 2 of the Town's Asset Management Plan, which was adopted March 27, 2017.

Capital expenditures where the project type is identified as 'Replacement' are considered to be lifecycle activities of existing assets and are fully funded through the Town's Asset Management Reserve. Projects that are identified as 'Upgrade' are funded at 50% from the Asset Management Reserve and 50% from other sources. Projects that are new are fully funded from other sources.

2019 Total Expense by Project Type



Capital expenditures where the project type is 'New' or 'Upgrade' (with the exception of land and studies) will increase the Annual Lifecycle Requirement from their date of acquisition. The annual lifecycle requirement for these assets utilizing an estimated useful life of 10 years are:

New Asset Value	8,300
Less: Land and Studies	0
	<u>8,300</u>
Estimated Useful Life	10 years
Annual Lifecycle Requirement	830 per year



2019 - 2023 Capital Budget

Department: Health Services
Division: Cemeteries

			Forecast														
			2019 Budget			2020			2021			2022			2023		
Project Number	Project Name	Project Type	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net
HS-19-0001	Roof Replacement- Colchester Memorial Cemetery Shed	Replacement	2,300	2,300	0												
HS-19-0002	Cemetery Tracking Software	New	8,300	0	8,300												
Total			10,600	2,300	8,300	0	0	0	0	0	0	0	0	0	0	0	0
2019 - 2022 Approved Forecast Totals			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Increase/(Decrease)			10,600	2,300	8,300	0	0	0	0	0	0	0	0	0	0	0	0





User Rate Supported

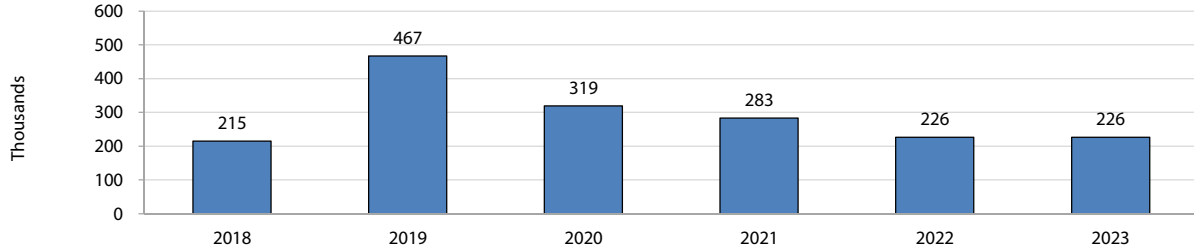


2019 - 2023 Capital Budget

Department: Environmental Services
Division: Waterworks

Summary			Budget	Change		Forecast			
	2017 Actual	2018 Budget	2019	\$	%	2020	2021	2022	2023
Category									
Expenses	49,856	215,000	467,100	252,100	117%	319,000	283,200	226,000	226,000
Revenues	49,856	215,000	467,100	252,100	117%	319,000	283,200	226,000	226,000
Net	0	0	0	0	0%	0	0	0	0

Capital Expenditures (2018 to 2023)

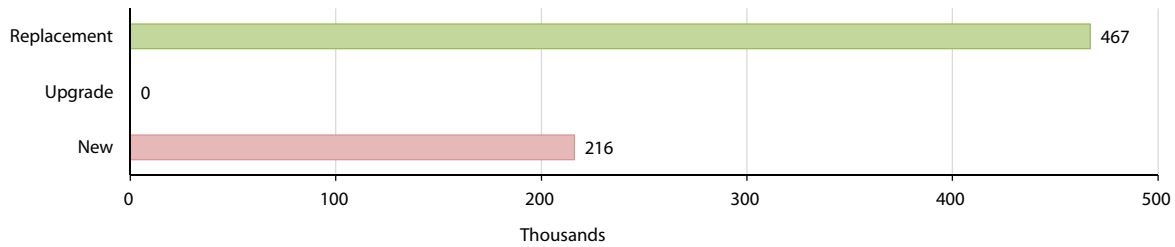


Asset Management Lifecycle Implications

Assets under Council are included in Phase 2 of the Town's Asset Management Plan, which was adopted March 27, 2017.

Capital expenditures where the project type is identified as 'Replacement' are considered to be lifecycle activities of existing assets and are fully funded through the Town's Asset Management Reserve. Projects that are identified as 'Upgrade' are funded at 50% from the Asset Management Reserve and 50% from other sources. Projects that are new are fully funded from other sources.

2019 Total Expense by Project Type



Capital expenditures where the project type is 'New' or 'Upgrade' (with the exception of land and studies) will increase the Annual Lifecycle Requirement from their date of acquisition. The annual lifecycle requirement for these assets utilizing an estimated useful life of 10 years are:

New Asset Value	216,000
Estimated Useful Life	10 years
Annual Lifecycle Requirement	21,600 per year



2019 - 2023 Capital Budget

Department: Environmental Services
Division: Waterworks

			Forecast														
			2019 Budget			2020			2021			2022			2023		
Project Number	Project Name	Project Type	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net
WW-19-0002	Equipment Contingency Wards 1 and 2 Distribution and Transmission (50%)	New	8,500	8,500	0												
WW-19-0003	Equipment Contingency Wards 3 and 4 Distribution and Transmission (50%)	New	8,500	8,500	0												
WW-19-0004	Harrow Colchester South Water Treatment Plant Contingency Wards 3 and 4	New	199,000	199,000	0												
WW-19-0009	Queen Street Main Replacement	Replacement	191,100	191,100	0												
WW-19-0010	Backflow Prevention and Monitoring Program Wards 1/2	Replacement	15,000	15,000	0												
WW-19-0011	Backflow Prevention and Monitoring Program Wards 3/4	Replacement	15,000	15,000	0												
WW-19-0012	Water Rate Study	New	30,000	30,000	0												
WW-20-0001	Equipment Contingency Wards 1 and 2 Distribution and Transmission (50%)	New				8,500	8,500	0									
WW-20-0002	Equipment Contingency Wards 3 and 4 Distribution and Transmission (50%)	New				8,500	8,500	0									
WW-20-0003	Harrow Colchester South Water Treatment Plant Contingency Wards 3 and 4	New				240,000	240,000	0									
WW-20-0006	Backflow Prevention and Monitoring Program Wards 1/2 (Maintenance)	Replacement				5,000	5,000	0									
WW-20-0007	Backflow Prevention and Monitoring Program Wards 3/4 (Maintenance)	Replacement				5,000	5,000	0									
WW-20-0008	Water Rate Financial Plan	New				7,000	7,000	0									
WW-20-0009	Pickup Truck Unit #607 Replacement	Replacement				45,000	45,000	0									
WW-21-0001	Equipment Contingency Wards 1 and 2 Distribution and Transmission (50%)	New							7,600	7,600	0						
WW-21-0002	Equipment Contingency Wards 3 and 4 Distribution and Transmission (50%)	New							7,600	7,600	0						
WW-21-0003	Harrow Colchester South Water Treatment Plant Contingency Wards 3 and 4	New							228,000	228,000	0						
WW-21-0004	Replace Full-Size Van	Replacement							30,000	30,000	0						
WW-21-0005	Backflow Prevention and Monitoring Program Wards 1/2 (Maintenance)	Replacement							5,000	5,000	0						
WW-21-0006	Backflow Prevention and Monitoring Program Wards 3/4 (Maintenance)	Replacement							5,000	5,000	0						
WW-22-0001	Backflow Prevention and Monitoring Program Wards 1/2 (Maintenance)	Replacement										5,000	5,000	0			
WW-22-0002	Backflow Prevention and Monitoring Program Wards 3/4 (Maintenance)	Replacement										5,000	5,000	0			
WW-22-0003	Equipment Contingency Wards 1 and 2 Distribution and Transmission (50%)	New										8,000	8,000	0			
WW-22-0004	Equipment Contingency Wards 3 and 4 Distribution and Transmission (50%)	New										8,000	8,000	0			
WW-22-0005	Harrow Colchester South Water Treatment Plant Contingency Wards 3 and 4	New										200,000	200,000	0			
WW-23-0001	Backflow Prevention and Monitoring Program Wards 1/2 (Maintenance)	Replacement													5,000	5,000	0
WW-23-0002	Backflow Prevention and Monitoring Program Wards 3/4 (Maintenance)	Replacement													5,000	5,000	0
WW-23-0003	Equipment Contingency Wards 1 and 2 Distribution and Transmission (50%)	New													8,000	8,000	0
WW-23-0004	Equipment Contingency Wards 3 and 4 Distribution and Transmission (50%)	New													8,000	8,000	0
WW-23-0005	Harrow Colchester South Water Treatment Plant Contingency Wards 3 and 4	New													200,000	200,000	0
Total			467,100	467,100	0	319,000	319,000	0	283,200	283,200	0	226,000	226,000	0	226,000	226,000	0

2019 - 2022 Approved Forecast Totals	482,100	482,100	0	267,000	267,000	0	283,200	283,200	0	226,000	226,000	0
Increase/(Decrease)	-15,000	-15,000	0	52,000	52,000	0	0	0	0	0	0	0



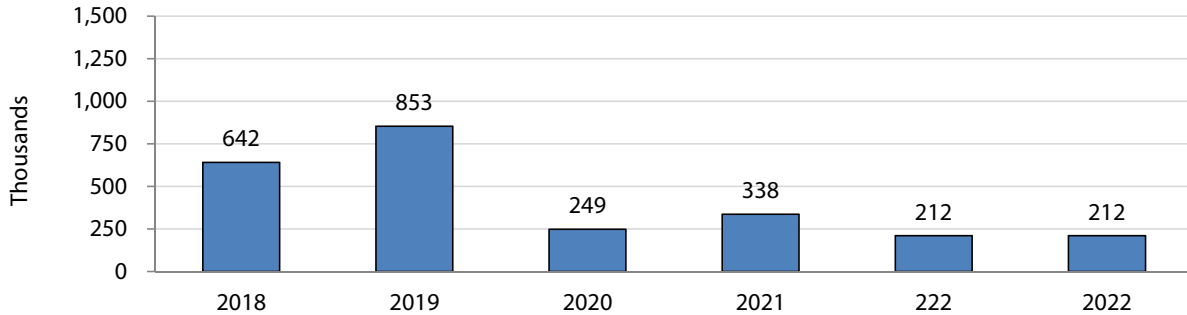


2019 - 2023 Capital Budget

Department: Environmental Services
 Division: Sanitary Sewer

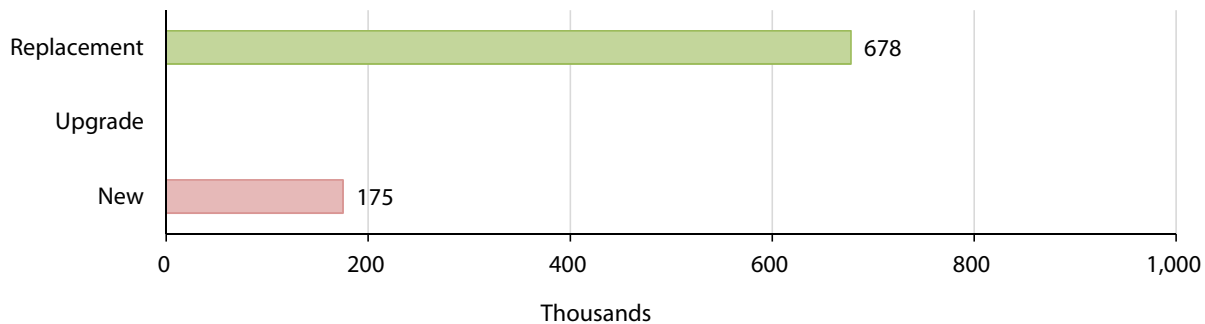
Summary			Budget	Change		Forecast			
Category	2017 Actual	2018 Budget	2019	\$	%	2020	2021	2022	2023
Expenses	709,159	642,000	853,000	211,000	33%	249,000	337,600	212,150	212,150
Revenues	709,159	642,000	853,000	211,000	33%	249,000	337,600	212,150	212,150
Net	0	0	0	0	0%	0	0	0	0

Capital Expenditures (2018 to 2023)



Asset Management Lifecycle Implications

Assets under Council are included in Phase 2 of the Town's Asset Management Plan, which was adopted March 27, 2017. Capital expenditures where the project type is identified as 'Replacement' are considered to be lifecycle activities of existing assets and are fully funded through the Town's Asset Management Reserve. Projects that are identified as 'Upgrade' are funded at 50% from the Asset Management Reserve and 50% from other sources. Projects that are new are fully funded from other sources.



Capital expenditures where the project type is 'New' or 'Upgrade' (with the exception of land and studies) will increase the Annual Lifecycle Requirement from their date of acquisition. The annual lifecycle requirement for these assets utilizing an estimated useful life of 10 years are:

New Asset Value	175,000
Estimated Useful Life	10 years
Annual Lifecycle Requirement	17,500 per year



2019 - 2023 Capital Budget

Department: Environmental Services

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Project Number	Project Name	Project Type	Forecast														
			2019 Budget			2020			2021			2022			2023		
			Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net	Expense	Revenue	Net
SS-19-0001	Treatment - Ward 1 Contingency	New	93,000	93,000	0												
SS-19-0002	Treatment - Ward 3 Contingency	New	51,000	51,000	0												
SS-19-0003	Treatment - Ward 4 Contingency	New	31,000	31,000	0												
SS-19-0004	Treatment - Ward 4 Cell Treatment	Replacement	500,000	500,000	0												
SS-19-0005	Collection and Conveyance - Ward 1 Contingency	Replacement	26,000	26,000	0												
SS-19-0006	Collection and Conveyance - Ward 3 Contingency	Replacement	30,000	30,000	0												
SS-19-0007	Collection and Conveyance - Ward 4 Contingency	Replacement	22,000	22,000	0												
SS-19-0008	Sanitary Sewer Masterplan	Replacement	100,000	100,000	0												
SS-20-0001	Treatment - Ward 1 Contingency	New				78,000	78,000	0									
SS-20-0002	Treatment - Ward 3 Contingency	New				51,000	51,000	0									
SS-20-0003	Treatment - Ward 4 Contingency	New				31,000	31,000	0									
SS-20-0004	Collection and Conveyance - Ward 1 Contingency	Replacement				30,000	30,000	0									
SS-20-0005	Collection and Conveyance - Ward 3 Contingency	Replacement				32,500	32,500	0									
SS-20-0006	Collection and Conveyance - Ward 4 Contingency	Replacement				26,500	26,500	0									
SS-21-0001	Treatment - Ward 1 Contingency	New							121,000	121,000	0						
SS-21-0002	Treatment - Ward 3 Contingency	New							72,200	72,200	0						
SS-21-0003	Treatment - Ward 4 Contingency	New							36,000	36,000	0						
SS-21-0004	Collection and Conveyance - Ward 1 Contingency	Replacement							25,200	25,200	0						
SS-21-0005	Collection and Conveyance - Ward 3 Contingency	Replacement							27,100	27,100	0						
SS-21-0006	Collection and Conveyance - Ward 4 Contingency	Replacement							21,100	21,100	0						
SS-21-0007	Pickup Truck	Replacement							35,000	35,000	0						
SS-22-0001	Treatment - Ward 1 Contingency	New										70,500	70,500	0			
SS-22-0002	Treatment - Ward 3 Contingency	New										51,550	51,550	0			
SS-22-0003	Treatment - Ward 4 Contingency	New										30,750	30,750	0			
SS-22-0004	Collection and Conveyance - Ward 1 Contingency	Replacement										20,300	20,300	0			
SS-22-0005	Collection and Conveyance - Ward 3 Contingency	Replacement										21,650	21,650	0			
SS-22-0006	Collection and Conveyance - Ward 4 Contingency	Replacement										17,400	17,400	0			
SS-23-0001	Treatment - Ward 1 Contingency	New													70,500	70,500	0
SS-23-0002	Treatment - Ward 3 Contingency	New													51,550	51,550	0
SS-23-0003	Treatment - Ward 4 Contingency	New													30,750	30,750	0
SS-23-0004	Collection and Conveyance - Ward 1 Contingency	Replacement													20,300	20,300	0
SS-23-0005	Collection and Conveyance - Ward 3 Contingency	Replacement													21,650	21,650	0
SS-23-0006	Collection and Conveyance - Ward 4 Contingency	Replacement													17,400	17,400	0
Total			853,000	853,000	0	249,000	249,000	0	337,600	337,600	0	212,150	212,150	0	212,150	212,150	0

2019 - 2022 Approved Forecast Totals	753,000	753,000	0	249,000	249,000	0	337,600	337,600	0	212,150	212,150	0
Increase/(Decrease)	100,000	100,000	0	0	0	0	0	0	0	0	0	0

