

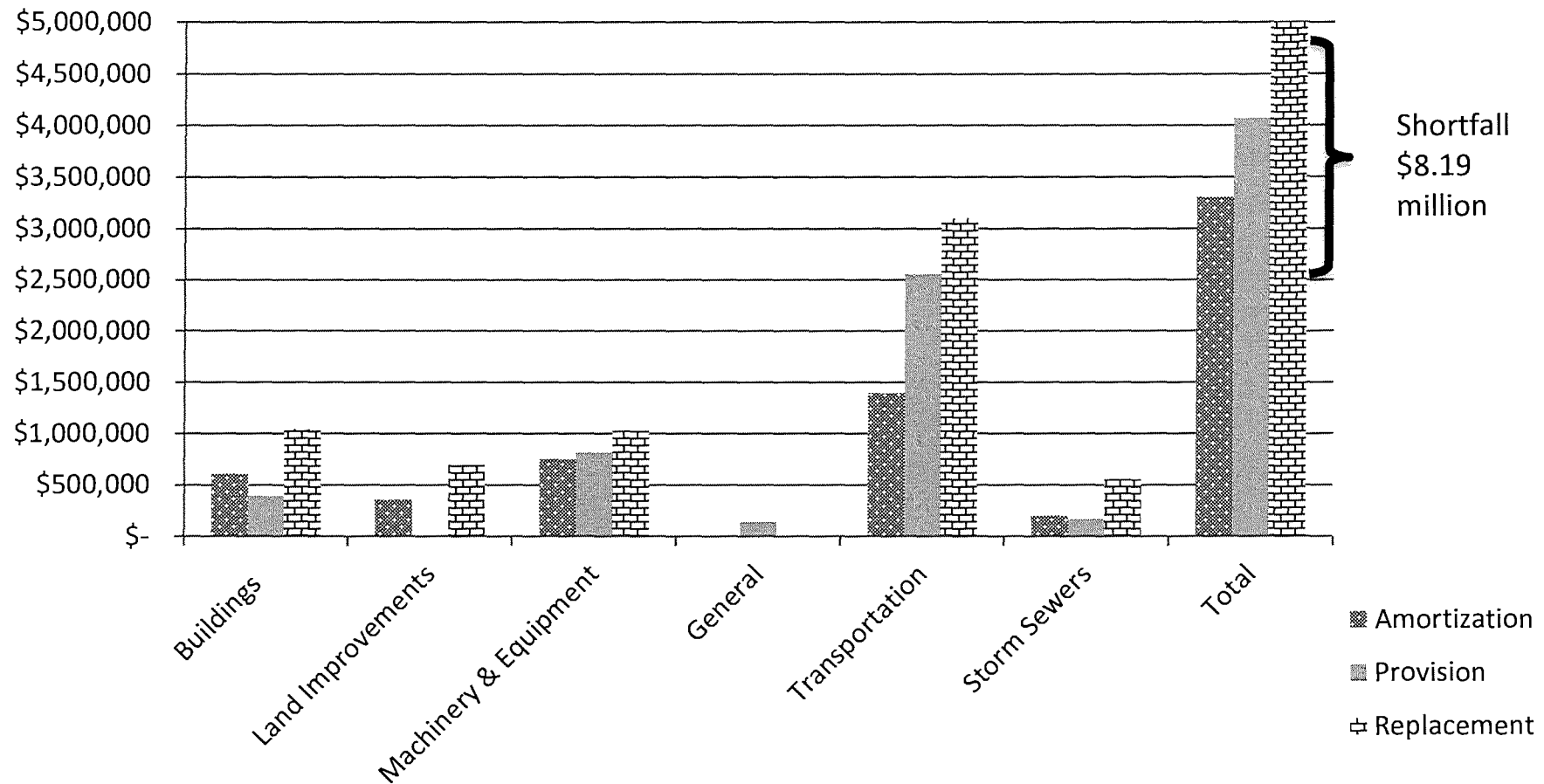
CAPITAL ASSET RENEWAL

2023 Draft Budget
Capital Asset Renewal

Please note that the results of the non-core Asset Management Plan in progress will impact the Capital Asset Renewal Schedule

Operating Budget	Estimated Amortization	2023 Budget Provision, "Sustainable Grants," and Levy	Amortization Shortfall/ Estimate of (increase)/ decrease in Accum. Surplus	2023 Annual Estimated Replacement Cost	Replacement Shortfall / Impact on Future TCA Funding Requirements	Total Shortfall
General Assets:						
Buildings	\$ 653,209	\$ 370,240	\$ 282,969	\$ 2,316,598	\$ 1,663,389	\$ 1,946,358
Land Improvements	\$ 401,962	\$ -	\$ 401,962	\$ 1,554,142	\$ 1,152,180	\$ 1,554,142
Machinery & Equipment	\$ 895,509	\$ 845,593	\$ 49,916	\$ 1,663,923	\$ 768,414	\$ 818,330
General	\$ -	\$ 521,700	\$ (521,700)	\$ -	\$ -	\$ (521,700)
Total General	\$ 1,950,681	\$ 1,737,533	\$ 213,148	\$ 5,534,663	\$ 3,583,982	\$ 3,797,130
Infrastructure Assets:						
Transportation	\$ 1,644,677	\$ 3,414,032	\$ (1,769,355)	\$ 6,422,628	\$ 4,777,951	\$ 3,008,596
Storm Sewers	\$ 290,203	\$ 264,000	\$ 26,203	\$ 1,645,608	\$ 1,355,405	\$ 1,381,608
Total Infrastructure	\$ 1,934,880	\$ 3,678,032	\$ (1,743,152)	\$ 8,068,236	\$ 6,133,356	\$ 4,390,204
Total	\$ 3,885,561	\$ 5,415,565	\$ (1,530,004)	\$ 13,602,899	\$ 9,717,339	\$ 8,187,334

Capital Asset Life Cycle Sustainability Annual Provisions/Requirements



CAPITAL BUDGET

CITY OF THOROLD
2023 DRAFT
CAPITAL BUDGET SUMMARY

REVISED

PROJECT	TOTAL PROJECT COST	TOTAL PROJECT COSTS as at Dec 30, 2022	COST REMAINING as at Dec 30, 2022	BUDGET APPROVAL PRE-2023	TOTAL COST 2023	RESERVES	DEBENTURE OR INTERNAL FINANCING	LEVY	WATER & SEWER RATES / URBAN SERVICE AREA LEVY	DEVELOPMENT CHARGES	OTHER	GRANTS
ENGINEERING												
ROADS	\$6,424,200	\$68,898	\$6,355,302	\$2,720,302	\$3,635,000	\$1,190,000	\$0	\$305,000	\$200,000	\$0	\$0	\$1,940,000
STORM SEWERS	\$1,805,200	\$7,327	\$1,797,874	\$747,874	\$1,050,000	\$164,000	\$0	\$264,000	\$0	\$0	\$0	\$622,000
WATER	\$5,772,000	\$19,340	\$5,752,660	\$4,762,660	\$990,000	\$0	\$0	\$0	\$800,000	\$0	\$190,000	\$0
SANITARY	\$1,314,277	\$55,709	\$1,258,568	\$633,568	\$625,000	\$0	\$0	\$0	\$589,000	\$36,000	\$0	\$0
TRANSIT/PARKING LOTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$15,315,677	\$151,274	\$15,164,403	\$8,864,403	\$6,300,000	\$1,354,000	\$0	\$569,000	\$1,589,000	\$36,000	\$190,000	\$2,562,000
COMMUNITY SERVICES												
ARENA	\$2,230,000	\$660,242	\$1,569,758	\$1,519,758	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0
CEMETERY	\$400,495	\$60,845	\$339,650	\$289,650	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0
PARKS & POOLS	\$6,193,500	\$2,326,953	\$3,866,547	\$3,236,547	\$630,000	\$625,000	\$0	\$5,000	\$0	\$0	\$0	\$0
FACILITIES	\$25,822,890	\$5,680,018	\$20,142,872	\$19,350,872	\$792,000	\$600,000	\$192,000	\$0	\$0	\$0	\$0	\$0
	\$34,646,885	\$8,728,058	\$25,918,827	\$24,396,827	\$1,522,000	\$1,325,000	\$192,000	\$5,000	\$0	\$0	\$0	\$0
BUILDING & BY-LAW	\$399,000	\$14,322	\$384,678	\$150,678	\$234,000	\$154,000	\$0	\$80,000	\$0	\$0	\$0	\$0
CAO	\$369,000	\$37,263	\$331,737	\$197,737	\$134,000	\$134,000	\$0	\$788	\$0	\$0	\$0	\$0
CLERKS	\$207,590	\$0	\$207,590	\$207,590	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FINANCE & IT	\$1,318,865	\$559,132	\$759,733	\$305,233	\$454,500	\$174,250	\$0	\$146,600	\$7,650	\$63,000	\$5,000	\$58,000
FIRE	\$1,082,798	\$20,658	\$1,062,139	\$27,839	\$1,034,300	\$827,300	\$0	\$132,000	\$0	\$75,000	\$0	\$0
PLANNING	\$1,060,000	\$149,681	\$910,319	\$825,319	\$85,000	\$85,000	\$0	\$0	\$0	\$0	\$0	\$0
PUBLIC WORKS	\$1,435,640	\$25,440	\$1,410,200	\$1,022,200	\$388,000	\$256,100	\$0	\$128,900	\$3,000	\$0	\$0	\$0
TOTAL	\$ 55,835,455	\$ 9,685,828	\$ 46,149,627	\$ 35,997,827	\$ 10,151,800	\$ 4,309,650	\$ 192,000	\$ 1,062,288	\$ 1,599,650	\$ 174,000	\$ 195,000	\$ 2,620,000

POST BUDGET PREP REVISIONS

Pollution Control Plan Duplication	\$ (200,000)	(200,000)	\$ (200,000)		\$ (200,000)				\$ (200,000)			
\$ OPG Appraisal PWCS06-23	\$ 4,000	4,000	\$ 4,000		\$ 4,000	\$ 4,000	Encumbrance					
REVISED TOTAL	\$ 55,639,455	\$ 9,489,828	\$ 45,953,627	\$ 35,997,827	\$ 9,955,800	\$ 4,313,650	\$ 192,000	\$ 1,062,288	\$ 1,399,650	\$ 174,000	\$ 195,000	\$ 2,620,000

CITY OF THOROLD
2023 DRAFT
CAPITAL BUDGET

PROJECT	PRIORITY RANKING	TOTAL PROJECT COST	COST REMAINING as at Dec 30, 2022	BUDGET APPROVAL PRE-2023	TOTAL COST 2023	RESERVES	LEVY	WATER & SEWER RATES / URBAN SERVICE AREA LEVY	DEVELOPMENT CHARGES	OTHER	GRANTS
ENGINEERING											
ROADS											
Roads - Studies											
2021	Allanburg Traffic Safety Study	\$67,200	\$38,622	\$38,622							
Roads - Design											
2022	Design - Ross Street (Hamilton St to Thorold Ave)	\$75,000	\$74,100	\$74,100							
2022	Design - Clairmont Street (Ormond to East End)	\$70,000	\$67,997	\$67,997							
2022	Design - Decew Road (Ivy Cres to Richmond)	\$50,000	\$40,197	\$40,197							
2022	Design - Egerter Road (Port Robinson to Towpath)	\$120,000	\$112,772	\$112,772							
Roads - Rehabilitation											
2023	Resurfacing - urban roads	\$180,000	\$180,000		\$180,000	\$80,000	Capital Asset Trans	\$100,000			
2023	Resurfacing - rural roads	\$350,000	\$350,000		\$350,000	\$350,000	Capital Asset Trans				
Roads - Reclamation											
2022	Construction - St. Davids Rd. (Collier to Foley) - phase 1	\$2,300,000	\$2,300,000	\$2,300,000							
2023	Construction - Broderick Avenue Road (Westmount to West)	\$2,000,000	\$2,000,000		\$2,000,000	\$110,000	Capital Asset Trans			OCIF	\$1,890,000
Roads - Expansion											
2023	Sidewalks replacement/ infill program	\$200,000	\$200,000		\$200,000				\$200,000		
Roads - Other											
2023	Confederation Sound Barrier Replacement	\$300,000	\$300,000		\$300,000	\$300,000	Capital Asset Trans				
2023	Road resurfacing program	\$90,000	\$90,000		\$90,000			\$90,000			
2023	Guard rail repairs	\$75,000	\$75,000		\$75,000			\$75,000			
2023	Traffic calming program	\$25,000	\$25,000		\$25,000			\$25,000			
Bridges & Culverts											
2019	Design - South Main Street Bridge & Eco Park	\$507,000	\$486,614	\$86,614	\$400,000	\$350,000	Capital Asset Trans			Active Transportation Fund	\$50,000
2023	Bridge Inspection	\$15,000	\$15,000		\$15,000			\$15,000			
ROADS		\$6,424,200	\$6,355,302	\$2,720,302	\$3,635,000	\$1,190,000		\$305,000	\$200,000	\$0	\$1,940,000
STORM SEWERS											
Storm Sewers - Design											
2022	Design - Ross Street (Hamilton St to Thorold Ave)	\$25,000	\$24,805	\$24,805							
2022	Design - Clairmont Street (Ormond to East End)	\$50,000	\$48,385	\$48,385							
2022	Design - Decew Road (Ivy Cres to Richmond)	\$75,000	\$75,000	\$75,000							
2022	Design - Egerter Road (Port Robinson to Towpath (DC))	\$50,000	\$49,454	\$49,454							
Storm Sewers - Construction											
2020	Construction - Sullivan/Clairmont Street (Pine to Ormond)	\$45,200	\$45,200	\$45,200							
2022	Construction - St. Davids Rd. (Collier to Foley) - phase 1	\$260,000	\$260,000	\$260,000							
2023	Construction - Broderick Avenue (Westmount to West)	\$900,000	\$900,000		\$900,000	\$164,000	Capital Asset Trans	\$114,000		Fed Gas Tax	\$622,000
2023	Storm Sewer Repair City Wide	\$150,000	\$150,000		\$150,000			\$150,000			
Storm Sewers - Studies											
2021	OPG Storm Outlet Study	\$50,000	\$50,000	\$50,000							
2022	Storm water management master plan	\$200,000	\$195,030	\$195,030							
STORM SEWER SUB TOTAL		\$1,805,200	\$1,797,874	\$747,874	\$1,050,000	\$164,000		\$264,000	\$0	\$0	\$622,000

CITY OF THOROLD
2023 DRAFT
CAPITAL BUDGET

PROJECT	PRIORITY RANKING	TOTAL PROJECT COST	COST REMAINING as at Dec 30, 2022	BUDGET APPROVAL PRE-2023	TOTAL COST 2023	RESERVES	LEVY	WATER & SEWER RATES / URBAN SERVICE AREA LEVY	DEVELOPMENT CHARGES	OTHER	GRANTS
WATER											
Water - Design											
2022	Design - Decew Road (Ivy Cres to Richmond)	Low	\$75,000	\$72,887	\$72,887						
2022	Design - Clairmont Street (Ormond to East End)	Low	\$75,000	\$75,000	\$75,000						
2022	Design - Egerter Road (Port Robinson to Towpath)	Low	\$150,000	\$148,239	\$148,239						
2022	Design- HWY 20 (Barker to Allanport)	Low	\$120,000	\$108,018	\$108,018						
Water - Construction											
2022	Construction - Pine St (Beaverdams to Shriner)	High	\$150,000	\$150,000	\$150,000						
2022	Construction - St. Davids Rd. (Collier to Foley) - Phase 1	High	\$1,770,000	\$1,770,000	\$1,770,000						
2023	Construction - Broderick Ave (Westmount to West)	High	\$500,000	\$500,000		\$500,000		\$500,000			
Water - Other											
2021	Water Meter Retrofits - Phase 1 & automatic read tech	High	\$2,287,000	\$2,283,516	\$2,093,516	\$190,000				water meter fees	\$190,000
2022	Cathodic protection program (new - Water Master Plan)	High	\$20,000	\$20,000	\$20,000						
2022	Fire flow retrofit program (new - Water Master Plan)	High	\$250,000	\$250,000	\$250,000						
2022	Backflow prevention by-law and program (new - WMP)	High	\$75,000	\$75,000	\$75,000						
2023	Water Master Plan Update	High	\$300,000	\$300,000		\$300,000		\$300,000			
WATER SUB TOTAL			\$5,772,000	\$5,752,660	\$4,762,660	\$990,000	\$0	\$0	\$800,000	\$0	\$190,000
SANITARY											
Sanitary - Design											
2022	Design - Hagar Street	Low	\$35,000	\$8,916	\$8,916						
2022	Design - Battle Street	Low	\$96,000	\$78,383	\$78,383						
2022	Design - Clairmont Street (Ormond to East End)	Low	\$50,000	\$48,637	\$48,637						
2022	Design - Egerter Road (Port Robinson to Towpath)	Low	\$200,000	\$197,632	\$197,632						
Sanitary - Construction											
2019	Construction - Pine St (Chippewa - Beaverdams)	High	\$280,000	\$280,000	\$280,000						
2022	Construction - St. Davids Rd. (Collier to Foley) - Phase 1	High	\$28,277	\$20,000	\$20,000						
Sanitary - Other											
2023	CSO Facilities Maintenance	High	\$15,000	\$15,000		\$15,000		\$15,000			
2023	Trenchless Spot Repairs	High	\$50,000	\$50,000		\$50,000		\$50,000			
2023	Private Sanitary Sewer Disconnection (DC)	High	\$60,000	\$60,000		\$60,000		\$24,000	\$36,000		
2023	Pollution Control Plan	High	\$200,000	\$200,000		\$200,000		\$200,000			
2023	Sanitary Master Plan Update	High	\$300,000	\$300,000		\$300,000		\$300,000			
SANITARY SEWER SUB TOTAL			\$1,314,277	\$1,258,568	\$633,568	\$625,000	\$0	\$0	\$589,000	\$36,000	\$0
TOTAL ENGINEERING			\$15,315,677	\$15,164,403	\$8,864,403	\$6,300,000	\$1,354,000	\$569,000	\$1,589,000	\$36,000	\$2,562,000

CITY OF THOROLD
2023 DRAFT
CAPITAL BUDGET

PROJECT	PRIORITY RANKING	TOTAL PROJECT COST	COST REMAINING as at Dec 30, 2022	BUDGET APPROVAL PRE-2023	TOTAL COST 2023	RESERVES	DEBENTURE OR INTERNAL FINANCING	LEVY
COMMUNITY SERVICES								
ARENA								
2021	Doherty - facility reuse strategy		\$80,000	\$80,000	\$80,000			
2022	Replace ice plant	High	\$1,500,000	\$854,508	\$854,508			
2022	Partial roof replacement - Doherty	High	\$600,000	\$585,250	\$585,250			
2023	Replace all emergency exit doors (24)	Medium	\$50,000	\$50,000		\$50,000	\$50,000	<i>Arena Building Reserve</i>
Total Arena			\$2,230,000	\$1,569,758	\$1,519,758	\$50,000	\$50,000	\$0
CEMETERY								
2019	Columbarium - stand alone	High	\$35,000	\$35,000	\$35,000			
2020	Replacement of cemetery software	High	\$65,495	\$4,650	\$4,650			
2020	Mausoleum design finalization and tender	High	\$200,000	\$200,000	\$200,000			
2022	Replacement of #57 2012 gator	High	\$50,000	\$50,000	\$50,000			
2023	Tar and Chip	HIGH	\$50,000	\$50,000		\$50,000	\$50,000	<i>Cemetery General / Mausoleum Reserve</i>
Total Cemetery			\$400,495	\$339,650	\$289,650	\$50,000	\$50,000	\$0
PARKS								
2019	Canteen refurbishment	High	\$15,000	\$9,378	\$9,378			
2021	Construction of Battle of Beaverdams Park	High	\$2,000,000	\$60,577	\$60,577			
2021	Merrit Meadows Playground		\$411,300	\$263,653	\$263,653			
2021	New dog park design & building		\$475,000	\$266,319	\$166,319	\$100,000	\$100,000	<i>Parkland Reserve</i>
2021	Security ID cards & equipment		\$2,200	\$1,553	\$1,553			
2021	New playground - Hansler Heights		\$284,000	\$284,000	\$284,000			
2022	New playground - Port Robinson West	High	\$280,000	\$280,000	\$280,000			
2022	Replace #8 Truck - 2008 Ford F150 pickup	High	\$70,000	\$70,000	\$70,000			
2022	New grass crew trailer for #8 replacement	High	\$20,000	\$20,000	\$20,000			
2022	Replacement trimers (x4)	High	\$3,000	\$3,000	\$3,000			
2022	Rolling Meadows park - washrooms, splashpad, pavillion, walking path	High	\$2,000,000	\$2,000,000	\$2,000,000			
2022	Mel Swart Park healing garden		\$75,000	\$53,044	\$53,044			
2023	Replacement playground - potentially Sullivan	HIGH	\$525,000	\$525,000		\$525,000	\$525,000	<i>Capital Asset Replacement</i>
2023	New Flag Pole BoB Park	HIGH	\$5,000	\$5,000		\$5,000		\$5,000
Sub Total Parks			\$6,165,500	\$3,841,525	\$3,211,525	\$630,000	\$625,000	\$0
POOL								
2020	Rpic backboard & floation devices		\$5,000	\$3,636	\$3,636			
2021	Replace lesson equipment		\$3,000	\$1,386	\$1,386			
2022	Required 10 year filter maintenance / flow switches	High	\$20,000	\$20,000	\$20,000			
Sub Total Pool			\$28,000	\$25,022	\$25,022	\$0	\$0	\$0
Total Parks & Pool			\$6,193,500	\$3,866,547	\$3,236,547	\$630,000	\$625,000	\$0
FACILITIES								
CITY HALL								
2020	Replace generator (EOC Centre)	High	\$230,000	\$12,819	\$12,819			
Sub Total CITY HALL			\$230,000	\$12,819	\$12,819	\$0	\$0	\$0

CITY OF THOROLD
2023 DRAFT
CAPITAL BUDGET

PROJECT	PRIORITY RANKING	TOTAL PROJECT COST	COST REMAINING as at Dec 30, 2022	BUDGET APPROVAL PRE-2023	TOTAL COST 2023	RESERVES	DEBENTURE OR INTERNAL FINANCING	LEVY
OPERATIONS CENTRE								
2022	Operations Centre Renovation/Expansion		\$12,464,300	\$8,555,450	\$8,363,450	\$192,000	Note 1	\$192,000
2023	Legislated upgrades to sand/salt dome (MECP requirement)	High	\$600,000	\$600,000		\$600,000	Municipal Land & Building Reserve	
Sub Total OPERATIONS CENTRE			\$ 13,064,300	\$ 9,155,450	\$ 8,363,450	\$ 792,000	\$ 600,000	\$ 192,000
FIRE HALLS								
2022	Fire Station #1 construction		\$11,920,590	\$10,373,806	\$10,373,806			
Sub Total FIRE HALLS			\$11,920,590	\$10,373,806	\$10,373,806	\$0	\$0	\$0
SENIORS CENTRE								
2022	Design & build for 2nd floor for Building & Bylaw Dept	High	\$600,000	\$600,000	\$600,000			
Sub Total SENIORS CENTRE			\$600,000	\$600,000	\$600,000	\$0	\$0	\$0
OTHER FACILITIES								
2022	Thorold Museum development plan		\$8,000	\$797	\$797			
Sub Total OTHER FACILITIES			\$ 8,000	\$ 797	\$ 797	\$ -	\$ -	\$ -
Total Facilities			\$25,822,890	\$20,142,872	\$19,350,872	\$792,000	\$600,000	\$192,000
TOTAL								
			\$34,646,885	\$25,918,827	\$24,396,827	\$1,522,000	\$1,325,000	\$192,000
								\$5,000

Note 1. Original assumption regarding amount to be transferred from Design project incurred in 2022 were overstated.

CITY OF THOROLD
2023 DRAFT
CAPITAL BUDGET

PROJECT		PRIORITY RANKING	TOTAL PROJECT COST	COST REMAINING as at Dec 30, 2022	BUDGET APPROVAL PRE-2023	TOTAL COST 2023	RESERVES		LEVY
BUILDING & BY-LAW									
2021	Electronic building permit submittals and plans review	High	\$45,000	\$30,678	\$30,678				
2021	New vehicle for new Building Inspector	Medium	\$40,000	\$40,000	\$40,000				
2022	Digitization of Building Division Records	High	\$80,000	\$80,000	\$80,000				
2023	Parking Study	High	\$100,000	\$100,000		\$100,000	\$100,000	<i>Strategic Plan Reserve</i>	
2023	Building permit fee study	High	\$50,000	\$50,000		\$50,000	\$50,000	<i>Building Reserve</i>	
2023	New by-law enforcement vehicle	High	\$40,000	\$40,000		\$40,000			\$40,000
2023	Proposed parking enforcement officer - vehicle	High	\$40,000	\$40,000		\$40,000			\$40,000
2023	Storage shelving - building permit files	Medium	\$4,000	\$4,000		\$4,000	\$4,000	<i>Building Reserve</i>	
TOTAL			\$399,000	\$384,678	\$150,678	\$234,000	\$154,000		\$ 80,000

CITY OF THOROLD
2023 DRAFT
CAPITAL BUDGET

PROJECT		PRIORITY RANKING	TOTAL PROJECT COST	COST REMAINING as at Dec 30, 2022	BUDGET APPROVAL PRE-2023	TOTAL COST 2023	RESERVES		LEVY
CAO									
2019	Organization & salary review	High	\$45,000	\$8,525	\$8,525				
2020	Rebranding	High	\$50,000	\$50,000	\$50,000				
2020	Organization & Lean Service Review (replaces Service based budgeting study)	High	\$205,000	\$205,000	\$125,000	\$80,000	\$80,000	<i>Municipal development</i>	
2021	Miscellaneous equipment		\$15,000	\$14,212	\$14,212				\$ 788
2023	Development of City's Strategic Plan		\$54,000	\$54,000		\$54,000	\$54,000	<i>Strategic Planning</i>	
TOTAL			\$369,000	\$331,737	\$197,737	\$134,000	\$134,000		\$ 788

CITY OF THOROLD
2023 DRAFT
CAPITAL BUDGET

PROJECT		PRIORITY RANKING	TOTAL PROJECT COST	COST REMAINING as at Dec 30, 2022	BUDGET APPROVAL PRE-2023	TOTAL COST 2023
CLERKS						
2022	Records Management Modernization		\$207,590	\$207,590	\$207,590	
TOTAL			\$207,590	\$207,590	\$207,590	\$0

CITY OF THOROLD
2023 DRAFT
CAPITAL BUDGET

PROJECT		PRIORITY RANKING	TOTAL PROJECT COST	COST REMAINING as at Dec 30, 2022	BUDGET APPROVAL PRE-2023	TOTAL COST 2023	RESERVES	LEVY	WATER & SEWER RATES / URBAN SERVICE AREA LEVY	DEVELOPMENT CHARGES	OTHER	GRANTS
2023	Proposed Intermediate Planner #2	High	\$3,500	\$3,500		\$3,500	\$1,750 <i>Building Reserve</i>	\$1,750				
2023	Proposed Building Clerk Position		\$3,500	\$3,500		\$3,500	\$3,500 <i>Building Reserve</i>					
2023	Proposed Building student position		\$3,500	\$3,500		\$3,500	\$3,500 <i>Building Reserve</i>					
2023	Proposed Engineering Tech 1 (& cell phone)		\$4,000	\$4,000		\$4,000		\$4,000				
2023	Proposed Water Meter Tech (& cell phone)	High	\$4,000	\$4,000		\$4,000			\$4,000			
2023	Proposed C.S. Events Coordinator		\$4,000	\$4,000		\$4,000		\$4,000				
Total			\$1,046,365	\$598,517	\$219,017	\$379,500	\$167,250	\$146,600	\$7,650	\$0	\$0	\$58,000
TOTAL			\$1,318,865	\$759,733	\$305,233	\$454,500	\$174,250	\$146,600	\$7,650	\$63,000	\$5,000	\$58,000

CITY OF THOROLD
2023 DRAFT
CAPITAL BUDGET

PROJECT	PRIORITY RANKING	TOTAL PROJECT COST	COST REMAINING as at Dec 30, 2022	BUDGET APPROVAL PRE-2023	TOTAL COST 2023	RESERVES	LEVY	WATER & SEWER RATES / URBAN SERVICE AREA LEVY	DEVELOPMENT CHARGES	OTHER	GRANTS
FINANCE & IT											
FINANCE											
2020 Inventory & tools control identification tags	High	\$2,500	\$2,500	\$2,500							
2020 Community Benefit Charge study	High	\$5,000	\$5,000	\$5,000							
2020 Insurance consultant for RFP	High	\$20,000	\$20,000	\$20,000							
2021 Asset Management Plan - Non Core Assets	High	\$120,000	\$8,715	\$8,715							
2022 Front ending development policy		\$50,000	\$50,000	\$50,000							
2023 Actuary Study - Sick Leave & Future Benefits		\$5,000	\$5,000		\$5,000				accrual	\$5,000	
2023 Development Charges Study: Combined		\$70,000	\$70,000		\$70,000	\$7,000	Municipal Development res		\$63,000		
Total		\$272,500	\$161,215	\$86,215	\$75,000	\$7,000		\$0	\$0	\$63,000	\$5,000
INFORMATION TECHNOLOGY											
2017 Financial System Conversion	High	\$350,000	\$26,953	\$26,953							
2020 Replacement of various workstations	High	\$65,000	\$18,292	\$18,292							
2021 Implementation of website payment module	Medium	\$10,000	\$10,000	\$10,000							
2021 New financial modules & customer service web portal		\$78,615	\$22,307	\$22,307							
2022 MS Office Software upgrade	Medium	\$50,000	\$50,000	\$50,000							
2022 Microsoft Windows Server Version Upgrade	High	\$30,000	\$30,000	\$30,000							
2022 Battery Backup Units	High	\$20,000	\$20,000	\$20,000							
2022 Data Backup Solution	High	\$10,000	\$10,000	\$10,000							
2022 Enviromental Sensors	High	\$5,000	\$5,000	\$5,000							
2022 Replacement of obsolete WiFi access points	Medium	\$2,500	\$351	\$351							
2022 E-mail System Redundancy Upgrades	High	\$2,000	\$2,000	\$2,000							
2022 Portable Backup Internet Hardware	High	\$2,000	\$1,202	\$1,202							
2023 Redundant Data Center	High	\$100,000	\$100,000		\$100,000	\$100,000	Strategic Plan Rsv				
2023 Network Storage Appliance Replacement	High	\$80,000	\$80,000		\$80,000	\$50,000	Computer Rsv	\$30,000			
2023 Council Chambers AV upgrades	High	\$40,000	\$40,000		\$40,000				Modernization	\$40,000	
2023 Committee Room AV Upgrades	High	\$18,000	\$18,000		\$18,000				Modernization	\$18,000	
2023 IT Security Upgrades	High	\$20,000	\$20,000		\$20,000	\$5,000	Computer Rsv	\$15,000			
2023 Replace off site storage appliance	High	\$10,000	\$10,000		\$10,000			\$10,000			
2023 Miscellaneous equipment	High	\$7,500	\$7,500		\$7,500			\$7,500			
2023 Additional monitor - Tax Clerk & Capital Asset Cord.	Medium	\$1,000	\$1,000		\$1,000			\$1,000			
2023 Adobe pro licence - Finance	Medium	\$600	\$600		\$600			\$600			
2022 Proposed Assistant to Finance - IT equipment	High	\$3,000	\$2,191	\$ 2,191							
2022 Proposed Community Relations Specialist		\$3,800	\$991	\$ 991							
2021 Replace 3 cell phones - Cemetery		\$2,000	\$1,703	\$1,703							
2022 New cell phones - public works	High	\$1,600	\$1,600	\$ 1,600							
2022 Replace cell phones (4) - public works	High	\$2,000	\$2,000	\$ 2,000							
2022 Replace cell phones (3) - Roads	High	\$1,200	\$1,200	\$ 1,200							
2023 New cell phones (2) - Admin for CAO & Mayor	High	\$1,000	\$1,000		\$1,000			\$1,000			

CITY OF THOROLD
2023 DRAFT
CAPITAL BUDGET

PROJECT	PRIORITY RANKING	TOTAL PROJECT COST	COST REMAINING as at Dec 30, 2022	BUDGET APPROVAL PRE-2023	TOTAL COST 2023	RESERVES	LEVY	WATER & SEWER RATES / URBAN SERVICE AREA LEVY	DEVELOPMENT CHARGES	OTHER	GRANTS
2023 Cell phone replacements											
Parks (1)	High	\$500	\$500		\$500		\$500				
Community Services (1)	High	\$500	\$500		\$500		\$500				
Arena (1)	High	\$500	\$500		\$500		\$500				
Roads (1)	High	\$500	\$500		\$500		\$500				
Fire Prevention Officer & Pump 1	High	\$1,000	\$1,000		\$1,000		\$1,000				
CAO	High	\$600	\$600		\$600		\$600				
Building / By-law											
2021 Equipment - proposed Provincial Offences Officer	High	\$4,000	\$1,916	\$1,916							
2021 Equipment - new Building Inspector		\$5,000	\$1,409	\$1,409							
2021 Equipment - temp Plans Examiner		\$4,000	\$879	\$879							
2022 Proposed By-law admin staff		\$3,000	\$745	\$745							
Community Services											
2019 Arena - Licenses \$150 per x 6	High	\$900	\$900	\$900							
2022 New Arena - Payment Station (Computer)	High	\$2,500	\$2,096	\$2,096							
2022 Cemetery desktop printer / fax	High	\$1,000	\$1,000	\$1,000							
2022 New Parks desktop for Acting Supervisor	High	\$3,000	\$2,191	\$2,191							
2023 Eproval - Event Management software	Medium	\$25,000	\$25,000		\$25,000		\$25,000				
2023 Swimngen - new pool lesson program	HIGH	\$500	\$500		\$500		\$500				
Fire											
2023 Volunteer Fire workstation replacements	High	\$15,000	\$15,000		\$15,000		\$15,000				
2023 New Fire Prevention Officer - IT Equipment & cell phone	High	\$3,000	\$3,000		\$3,000		\$3,000				
Planning											
2022 Adobe pro licence		\$750	\$750	\$750							
Public Works											
2022 Proposed Water Meter Tech - IT equipment & cell phone	High	\$4,000	\$1,341	\$1,341							
2023 New Laptop - Road Supervisor	High	\$1,900	\$1,900		\$1,900		\$1,900				
2023 New Laptop - Water Supervisor	High	\$1,900	\$1,900		\$1,900			\$1,900			
Proposed positions - computer hardware & software											
2023 Proposed By-law Enforcement Supervisor (& cell phone)	High	\$3,500	\$3,500		\$3,500		\$3,500				
2023 Proposed RRL clerk	High	\$3,500	\$3,500		\$3,500		\$3,500				
2023 Proposed Parking Enforcement Officer (& cell phone)		\$4,000	\$4,000		\$4,000		\$4,000				
2023 Proposed Water Meter Coordinator	High	\$3,500	\$3,500		\$3,500		\$1,750	\$1,750			
2023 Proposed Development Accounting Clerk		\$3,500	\$3,500		\$3,500	\$1,750 Building Reserve	\$1,750				
2023 Proposed Deputy Fire Chief (& cell phone)	High	\$3,000	\$3,000		\$3,000		\$3,000				
2023 Proposed Senior Planner	High	\$3,500	\$3,500		\$3,500		\$3,500				
2023 Proposed Intermediate Planner #1	High	\$3,500	\$3,500		\$3,500	\$1,750 Building Reserve	\$1,750				

CITY OF THOROLD
2023 DRAFT
CAPITAL BUDGET

PROJECT		PRIORITY RANKING	TOTAL PROJECT COST	COST REMAINING as at Dec 30, 2022	BUDGET APPROVAL PRE-2023	TOTAL COST 2023	RESERVES		LEVY	WATER & SEWER RATES / URBAN SERVICE AREA LEVY	DEVELOPMENT CHARGES	OTHER	GRANTS
2023	Proposed Intermediate Planner #2	High	\$3,500	\$3,500		\$3,500	\$1,750	Building Reserve	\$1,750				
2023	Proposed Building Clerk Position		\$3,500	\$3,500		\$3,500	\$3,500	Building Reserve					
2023	Proposed Building student position		\$3,500	\$3,500		\$3,500	\$3,500	Building Reserve					
2023	Proposed Engineering Tech 1 (& cell phone)		\$4,000	\$4,000		\$4,000			\$4,000				
2023	Proposed Water Meter Tech (& cell phone)	High	\$4,000	\$4,000		\$4,000				\$4,000			
2023	Proposed C.S. Events Coordinator		\$4,000	\$4,000		\$4,000			\$4,000				
Total			\$1,046,365	\$598,517	\$219,017	\$379,500	\$167,250		\$146,600	\$7,650	\$0	\$0	\$58,000
TOTAL			\$1,318,865	\$759,733	\$305,233	\$454,500	\$174,250		\$146,600	\$7,650	\$63,000	\$5,000	\$58,000

CITY OF THOROLD
2023 DRAFT
CAPITAL BUDGET

PROJECT	PRIORITY RANKING	TOTAL PROJECT COST	TOTAL PROJECT COSTS as at Dec 30, 2022	BUDGET APPROVAL PRE-2023	TOTAL COST 2023	RESERVES	LEVY	DEVELOPMENT CHARGES
FIRE								
2019	PPE - uniforms for volunteers/dry & wet suits	High	\$26,498	\$20,658	\$5,839			
2021	Stn 4 storage container for training	High	\$6,300	\$0	\$2,000	\$4,300	\$4,300	Encumbrance Reserve
2022	Hoses and Appliances	High	\$10,000	\$0	\$10,000			
2022	Forcible entry training simulator		\$10,000	\$10,000				
2023	Small Tools	High	\$8,000		\$8,000		\$8,000	
2023	PPE - bunker gear	High	\$30,000		\$30,000		\$30,000	
2023	PPE - helmets	High	\$6,000		\$6,000		\$6,000	
2023	Hoses and Appliances	High	\$10,000		\$10,000		\$10,000	
2023	Pagers	High	\$10,000		\$10,000		\$10,000	
2023	Water Rescue equipment	High	\$12,000		\$12,000		\$12,000	
2023	Replace #50 2004 Utility Van and equipment	High	\$70,000		\$70,000	\$63,000	General equipment reserve	\$7,000
2023	Replacement # 14 2002 Freightliner Moving current unit #14 to reserve fleet and disposing of Unit #13 (2000 American -Lafrance)	High	\$800,000		\$800,000	\$760,000	General equipment reserve	\$40,000
2023	Proposed Deputy Fire Chief - vehicle and equip	High	\$75,000		\$75,000			\$75,000
2023	Proposed Deputy Fire Chief - Furniture	High	\$2,000		\$2,000		\$2,000	
2023	New Fire Prevention Officer - Furniture	High	\$2,000		\$2,000		\$2,000	
2023	Fire Prevention/Training Prop for Public Viewing and Training	High	\$5,000		\$5,000		\$5,000	
TOTAL			\$1,082,798	\$20,658	\$27,839	\$1,034,300	\$827,300	\$132,000
								\$75,000

CITY OF THOROLD
2023 DRAFT
CAPITAL BUDGET

PROJECT		PRIORITY RANKING	TOTAL PROJECT COST	COST REMAINING as at Dec 30, 2022	BUDGET APPROVAL PRE-2023	TOTAL COST 2023	RESERVES	
PLANNING								
2019	Port Robinson West Secondary PlanNeighbourhood Plan	High	\$150,000	\$21,726	\$21,726			
2021	Rolling Meadows Cost Sharing		\$20,000	\$20,000	\$20,000			
2022	New Official Plan		\$300,000	\$300,000	\$300,000			
2022	Port Robinson West Phase 2 subwatershed Study		\$250,000	\$250,000	\$250,000			
2022	CityWide planning module	High	\$50,000	\$50,000	\$20,000	\$30,000	\$30,000	<i>Municipal Development Reserve</i>
2022	Lake Gibson Master Plan		\$150,000	\$150,000	\$150,000			
2019	LPAT Comprehensive zoning appeal		\$85,000	\$63,593	\$63,593			
2022	LPAT zoning appeal - Decew		\$55,000	\$55,000		\$55,000	\$55,000	<i>Encumbrance Reserve</i>
TOTAL			\$1,060,000	\$910,319	\$825,319	\$85,000	\$85,000	

CITY OF THOROLD
2023 DRAFT
CAPITAL BUDGET

PROJECT	PRIORITY RANKING	TOTAL PROJECT COST	COST REMAINING as at Dec 30, 2022	BUDGET APPROVAL PRE-2023	TOTAL COST 2023	RESERVES	LEVY	WATER & SEWER RATES / URBAN SERVICE AREA LEVY
PUBLIC WORKS								
PUBLIC WORKS - WATER								
2021 Replace #15 2008 Ford F450 pickup		\$75,000	\$75,000	\$75,000				
2021 Replace #44 1978 sewer inspection camera		\$25,000	\$25,000	\$25,000				
2021 Replace #41 1998 shoring materials		\$30,000	\$30,000	\$30,000				
2022 New Cargo Van 3/4 ton	High	\$65,000	\$65,000	\$65,000				
2022 New Storage Container	High	\$10,000	\$10,000	\$10,000				
2022 New electric pump	High	\$2,000	\$2,000	\$2,000				
2023 Small Tools	High	\$3,000	\$3,000		\$3,000			\$3,000
Total		\$210,000	\$210,000	\$207,000	\$3,000	\$0	\$0	\$3,000
PUBLIC WORKS - ROADS								
2021 Replace #26 5-ton truck with plow		\$260,000	\$260,000	\$260,000				
2021 Replace #38 single axle float trailer		\$20,000	\$20,000	\$20,000				
2022 Replacement for Truck # 73 with 1 ton dump truck	High	\$95,000	\$95,000	\$95,000				
2022 New Plow & Sander for 1 ton truck	High	\$17,000	\$17,000	\$17,000				
2022 Replacement for Truck # 19 with 3/4 ton pickup	High	\$75,000	\$75,000	\$75,000				
2022 Replacement Tractor # 29	High	\$200,000	\$200,000	\$200,000				
2022 New 2 speed monitoring signs	High	\$15,000	\$15,000	\$15,000				
2022 Replacement traffic signs	High	\$6,000	\$6,000	\$6,000				
2022 Vehicle & equipment utilization review		\$152,640	\$127,200	\$127,200				
2023 Small Tools	High	\$5,000	\$5,000		\$5,000		\$5,000	
2023 Replace #24 International side tilt dump	High	\$275,000	\$275,000		\$275,000	\$247,500	General equipment reserve	\$27,500
2023 Replace #65 Curb Cutting Saw with hydraulic saw	High	\$10,000	\$10,000		\$10,000	\$8,600	General equipment reserve	\$1,400
2023 New Hot Box	High	\$80,000	\$80,000		\$80,000		\$80,000	
2023 New hydraulic jack hammer	High	\$5,000	\$5,000		\$5,000		\$5,000	
2023 New automotive codes scanner for Mechanic	High	\$10,000	\$10,000		\$10,000		\$10,000	
Total		\$1,225,640	\$1,200,200	\$815,200	\$385,000	\$256,100	\$128,900	\$0
TOTAL		\$1,435,640	\$1,410,200	\$1,022,200	\$388,000	\$256,100	\$128,900	\$3,000

10 YEAR CAPITAL FORECAST

2023 BUDGET
CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033
SUMMARY

REVISED

DEPARTMENT	AMOUNT	RESERVES	DEV CHARGES	WATER / SEWER	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
ENGINEERING	\$107,742,314	\$800,000	\$9,189,864	\$27,702,300	\$21,641,000	\$12,400,000	\$36,009,150
COMMUNITY SERVICES	\$30,426,250	\$0	\$0	\$0	\$417,500	\$2,750,000	\$27,258,750
BUILDING & BY-LAW	\$28,000	\$11,500	\$0	\$0	\$10,500	\$0	\$6,000
CAO	\$10,500	\$0	\$0	\$0	\$0	\$10,500	\$0
CLERKS	\$88,500	\$0	\$0	\$0	\$3,500	\$0	\$85,000
FINANCE & IT	\$1,415,000	\$0	\$0	\$0	\$154,000	\$0	\$1,261,000
FIRE	\$950,100	\$0	\$0	\$0	\$820,100	\$0	\$130,000
PLANNING	\$1,028,500	\$0	\$241,200	\$0	\$3,500	\$0	\$783,800
TOTAL	\$141,689,164	\$811,500	\$9,431,064	\$27,702,300	\$23,050,100	\$15,160,500	\$65,533,700
GENERAL ASSETS PROVISION 10 YEARS**					\$8,285,400		-\$8,285,400
RESERVE PROVISION WATER SEWER		\$7,270,327					-\$7,270,327
RESERVE PROVISION CAPITAL ASSETS 12/31/22		\$9,794,202					-\$9,794,202
TOTAL	\$141,689,164	\$17,876,029	\$9,431,064	\$27,702,300	\$31,335,500	\$15,160,500	\$40,183,771

** Provided for indication only. Future Councils can modify, Provincial/Federal Governments can modify Grant levels

POST BUDGET PREP REVISION

Port Robinson ECO Park Construction	\$	4,300,000					\$4,300,000
REVISED TOTAL		\$145,989,164	\$17,876,029	\$9,431,064	\$27,702,300	\$31,335,500	\$44,483,771

CITY OF THOROLD
2023 BUDGET
CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

ENGINEERING

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	WATER / SEWER	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
ROADS								
Crack Sealing	\$90,000	2024				\$90,000		\$ -
Traffic Calming	\$22,500	2024				\$22,500		\$ -
Rural Resurfacing	\$390,000	2024						\$ 390,000
Sidewalks replacement/ infill program	\$200,000	2024			\$200,000			\$ -
Intersection Signalization	\$350,000	2024		\$350,000				\$ -
Priority cycling network program (Transportation Master Plan)	\$100,000	2024						\$ 100,000
Design - Niagara Falls Road	\$100,000	2024						\$ 100,000
Design - Rail to Trail (asphalt path)(DC)	\$210,000	2024		\$52,500				\$ 157,500
Design - Rose (Pine to Collier)	\$210,000	2024						\$ 210,000
Design - McDonagh (Tupper to Tupper)	\$189,000	2024						\$ 189,000
Construction - Egerter Road (Port Robinson to Towpath (DC))	\$1,200,000	2024		\$1,200,000				\$ -
Construction - Sullivan/Clairmont Street (Pine to Ormond)	\$2,620,000	2024						\$ 2,620,000
Construction - St. Davids Rd. (Foley to Ormond) - phase 2	\$4,000,000	2024					\$2,000,000	\$ 2,000,000
Construction - Port Robinson Road Urbanization (406 - Kottmeir)	\$2,067,000	2024		\$1,037,889				\$ 1,029,111
Confederation Sound Barrier Replacement	\$300,000	2024						\$ 300,000
Levy & Grant Funding		2024				\$1,698,200	\$1,040,000	\$ (2,738,200)
								\$ -
Crack Sealing	\$90,000	2025				\$90,000		\$ -
Traffic Calming	\$22,500	2025				\$22,500		\$ -
Bike Lanes	\$170,000	2025						\$ 170,000
Welland Canal Trail	\$50,000	2025						\$ 50,000
EA - Rail to Trail (asphalt path)	\$120,000	2025		\$30,000				\$ 90,000
Design - Port Robinson Rd (tracks to canal)	\$100,000	2025		\$50,000				\$ 50,000
Urban Resurfacing (TBD)	\$500,000	2025						\$ 500,000
Rural Resurfacing (TBD)	\$200,000	2025						\$ 200,000
Sidewalks replacement/ infill program	\$375,000	2025			\$330,600			\$ 44,400
Confederation Sound Barrier Replacement	\$300,000	2025						\$ 300,000
Levy & Grant Funding		2025				\$1,698,200	\$1,040,000	\$ (2,738,200)
								\$ -
Crack Sealing	\$90,000	2026				\$90,000		\$ -
Traffic Calming	\$22,500	2026				\$22,500		\$ -
Bike Lanes	\$200,000	2026						\$ 200,000
Welland Canal Trail	\$50,000	2026						\$ 50,000
Design - MacKan	\$75,000	2026						\$ 75,000

CITY OF THOROLD
2023 BUDGET
CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

ENGINEERING

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	WATER / SEWER	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Urban Resurfacing (TBD)	\$500,000	2026						\$ 500,000
Rural Resurfacing (TBD)	\$100,000	2026						\$ 100,000
Sidewalks replacement/ infill program	\$375,000	2026			\$330,600			\$ 44,400
Construction - Rail to Trail (asphalt path)	\$2,000,000	2026		\$249,975				\$ 1,750,025
Construction - Decew Road (Ivy Cres to Richmond)	\$750,000	2026		\$675,000				\$ 75,000
Construction - Ross St (Hamilton St to Thorold Ave)	\$500,000	2026						\$ 500,000
Construction - Niagara Falls Road	\$1,500,000	2026						\$ 1,500,000
Construction - Crompton St	\$218,300	2026						\$ 218,300
Construction - Bolton Ave	\$379,500	2026						\$ 379,500
Construction - Cunningham Street (Richmond to Garden)	\$806,500	2026						\$ 806,500
Construction - McCormack Drive (Morton to MacKan)	\$673,100	2026						\$ 673,100
Levy & Grant Funding		2026				\$1,698,200	\$1,040,000	\$ (2,738,200)
								\$ -
Crack Sealing	\$90,000	2027				\$90,000		\$ -
Traffic Calming	\$22,500	2027				\$22,500		\$ -
Bike Lanes	\$200,000	2027						\$ 200,000
Welland Canal Trail	\$50,000	2027						\$ 50,000
Design - Clara Street	\$110,000	2027						\$ 110,000
Urban Resurfacing (TBD)	\$500,000	2027						\$ 500,000
Rural Resurfacing (TBD)	\$200,000	2027						\$ 200,000
Sidewalks replacement/ infill program	\$375,000	2027			\$330,600			\$ 44,400
Construction - Clairmont Street	\$350,000	2027						\$ 350,000
Construction - MacKan	\$400,000	2027						\$ 400,000
Construction - Port Robinson Rd (tracks to canal) (to Egerter DC)	\$2,985,000	2027		\$1,492,500				\$ 1,492,500
Levy & Grant Funding		2027				\$1,698,200	\$1,040,000	\$ (2,738,200)
								\$ -
Crack Sealing	\$90,000	2028				\$90,000		\$ -
Traffic Calming	\$22,500	2028				\$22,500		\$ -
Bike Lanes	\$200,000	2028						\$ 200,000
Welland Canal Trail	\$50,000	2028						\$ 50,000
Design - Mary Street	\$110,000	2028						\$ 110,000
Design - Elgin Street (Collier to Sydenham)	\$50,000	2028						\$ 50,000
Design - Lynn Crescent	\$75,000	2028						\$ 75,000
Urban Resurfacing (TBD)	\$600,000	2028						\$ 600,000
Rural Resurfacing (TBD)	\$440,000	2028						\$ 440,000
Sidewalks replacement/ infill program	\$375,000	2028			\$330,600			\$ 44,400

CITY OF THOROLD
2023 BUDGET
CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

ENGINEERING

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	WATER / SEWER	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Construction - Clara Street	\$1,200,000	2028						\$ 1,200,000
Levy & Grant Funding		2028				\$1,698,200	\$1,040,000	\$ (2,738,200)
								\$ -
Crack Sealing	\$90,000	2029				\$90,000		\$ -
Traffic Calming	\$22,500	2029				\$22,500		\$ -
Bike Lanes	\$200,000	2029						\$ 200,000
Welland Canal Trail	\$50,000	2029						\$ 50,000
Design - McDonagh Cres. Part 1	\$150,000	2029						\$ 150,000
Design - Queen Street	\$500,000	2029						\$ 500,000
Urban Resurfacing (TBD)	\$600,000	2029						\$ 600,000
Rural Resurfacing (TBD)	\$500,000	2029						\$ 500,000
Sidewalks replacement/ infill program	\$375,000	2029			\$330,600			\$ 44,400
Construction - Clara Street	\$750,000	2029						\$ 750,000
Levy & Grant Funding		2029				\$1,698,200	\$1,040,000	\$ (2,738,200)
								\$ -
Crack Sealing	\$90,000	2030				\$90,000		\$ -
Traffic Calming	\$22,500	2030				\$22,500		\$ -
Bike Lanes	\$200,000	2030						\$ 200,000
Welland Canal Trail	\$50,000	2030						\$ 50,000
Design - McDonagh Cres Part 2	\$15,000	2030						\$ 15,000
Design - Ontario Street	\$150,000	2030						\$ 150,000
Urban Resurfacing (TBD)	\$700,000	2030						\$ 700,000
Rural Resurfacing (TBD)	\$500,000	2030						\$ 500,000
Sidewalks replacement/ infill program	\$375,000	2030			\$330,600			\$ 44,400
Construction - McDonagh Cres. Part 1	\$750,000	2030						\$ 750,000
Construction - Mary Street	\$1,000,000	2030						\$ 1,000,000
Construction - Elgin Street (Collier to Sydenham)	\$500,000	2030						\$ 500,000
Construction - Lynn Crescent	\$300,000	2030						\$ 300,000
Levy & Grant Funding		2030				\$1,698,200	\$1,040,000	\$ (2,738,200)
								\$ -
Crack Sealing	\$90,000	2031				\$90,000		\$ -
Traffic Calming	\$22,500	2031				\$22,500		\$ -
Bike Lanes	\$200,000	2031						\$ 200,000
Welland Canal Trail	\$50,000	2031						\$ 50,000
Design - Elgin Street (Sydenham to Pine)	\$150,000	2031						\$ 150,000
Design - Beaver Street	\$75,000	2031						\$ 75,000

CITY OF THOROLD
2023 BUDGET

CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

ENGINEERING

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	WATER / SEWER	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Urban Resurfacing (TBD)	\$600,000	2031						\$ 600,000
Rural Resurfacing (TBD)	\$600,000	2031						\$ 600,000
Sidewalks replacement/ infill program	\$375,000	2031			\$330,600			\$ 44,400
Construction - McDonagh Cres Part 2	\$750,000	2031						\$ 750,000
Construction - Queen Street	\$500,000	2031						\$ 500,000
Construction - Ontario Street	\$1,500,000	2031						\$ 1,500,000
Levy & Grant Funding		2031				\$1,698,200	\$1,040,000	\$ (2,738,200)
								\$ -
Crack Sealing	\$90,000	2032				\$90,000		\$ -
Traffic Calming	\$22,500	2032				\$22,500		\$ -
Bike Lanes	\$200,000	2032						\$ 200,000
Welland Canal Trail	\$50,000	2032						\$ 50,000
Design - Camby Street	\$150,000	2032						\$ 150,000
Design - Centre Street	\$100,000	2032						\$ 100,000
Urban Resurfacing (TBD)	\$600,000	2032						\$ 600,000
Rural Resurfacing (TBD)	\$600,000	2032						\$ 600,000
Sidewalks replacement/ infill program	\$375,000	2032			\$330,600			\$ 44,400
Construction - Beaver Street	\$750,000	2032						\$ 750,000
Construction - Elgin Street (Sydenham to Pine)	\$500,000	2032						\$ 500,000
Levy & Grant Funding		2032				\$1,698,200	\$1,040,000	\$ (2,738,200)
								\$ -
Crack Sealing	\$90,000	2033				\$90,000		\$ -
Traffic Calming	\$22,500	2033				\$22,500		\$ -
Bike Lanes	\$200,000	2033						\$ 200,000
Welland Canal Trail	\$50,000	2033						\$ 50,000
Design - Rose Ave	\$100,000	2033						\$ 100,000
Design - Ormond Street South of Richmond	\$125,000	2033						\$ 125,000
Design - Pamela Drive	\$75,000	2033						\$ 75,000
Urban Resurfacing (TBD)	\$600,000	2033						\$ 600,000
Rural Resurfacing (TBD)	\$600,000	2033						\$ 600,000
Sidewalks replacement/ infill program	\$375,000	2033						\$ 375,000
Construction - Camby Street	\$1,000,000	2033						\$ 1,000,000
Construction - Centre Street	\$250,000	2033						\$ 250,000
Levy & Grant Funding		2033				\$1,698,200	\$1,040,000	\$ (2,738,200)
								\$ -
								\$ -

CITY OF THOROLD
2023 BUDGET

CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

ENGINEERING

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	WATER / SEWER	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
BRIDGES & CULVERTS								\$ -
Bridge inspection	\$15,000	2024				\$15,000		\$ -
Levy Funding		2024				\$27,000		\$ (27,000)
South Main St Bridge demolition	\$750,000	2024						\$ 750,000
Bridges & Culverts Rehabilitation & Replacement Program	\$348,000	2024						\$ 348,000
Bridge inspection	\$15,000	2025				\$15,000		\$ -
Levy Funding		2025				\$27,000		\$ (27,000)
Bridge inspection	\$15,000	2026				\$15,000		\$ -
Levy Funding		2026				\$27,000		\$ (27,000)
Bridge inspection	\$15,000	2027				\$15,000		\$ -
Levy Funding		2027				\$27,000		\$ (27,000)
Bridge inspection	\$15,000	2028				\$15,000		\$ -
Levy Funding		2028				\$27,000		\$ (27,000)
Bridge inspection	\$15,000	2029				\$15,000		\$ -
Levy Funding		2029				\$27,000		\$ (27,000)
Bridge inspection	\$15,000	2030				\$15,000		\$ -
Levy Funding		2030				\$27,000		\$ (27,000)
Bridge inspection	\$15,000	2031				\$15,000		\$ -
Levy Funding		2031				\$27,000		\$ (27,000)
Bridge inspection	\$15,000	2032				\$15,000		\$ -
Levy Funding		2032				\$27,000		\$ (27,000)
Bridge inspection	\$15,000	2033				\$15,000		\$ -
Levy Funding		2033				\$27,000		\$ (27,000)
								\$ -
STREET LIGHT PROGRAM								\$ -
Illumination study at various locations	\$26,700	2024						\$ 26,700
New streetlight installations (10 @ \$6,000)	\$70,100	2024						\$ 70,100
								\$ -
STREET TREE PROGRAM								\$ -
Tree canopy inventory / assessment study	\$10,000	2024						\$ 10,000
Urban Forest Management program study	\$40,000	2024						\$ 40,000
Street tree replacement program	\$25,000	2024						\$ 25,000
								\$ -
STREET SIGN PROGRAM								\$ -
Regulatory signs (50 locations @ \$250 ea)	\$14,600	2024						\$ 14,600
Street name signs (20 @ \$250 ea)	\$5,900	2024						\$ 5,900

CITY OF THOROLD
2023 BUDGET
CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

ENGINEERING

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	WATER / SEWER	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
2 Welcome/gateway signs (Thorold South & Mon. Clancy)	\$58,400	2024	\$50,000					\$ 8,400
								\$ -
RAILWAY CROSSING PROGRAM								\$ -
Railway crossing improvements, per inventory/assessment report	\$30,000	2024						\$ 30,000
								\$ -
GUIDE RAIL PROGRAM								\$ -
Post and cable guide rail replacement, per assessment report	\$402,800	2024				\$40,000		\$ 362,800
Steel beam guide rail replacement, per Assessment report	\$663,200	2024						\$ 663,200
Guard rail repairs	\$40,000	2024				\$40,000		\$ -
Guard rail repairs	\$40,000	2025				\$40,000		\$ -
Guard rail repairs	\$40,000	2026				\$40,000		\$ -
Guard rail repairs	\$40,000	2027				\$40,000		\$ -
Guard rail repairs	\$40,000	2028				\$40,000		\$ -
Guard rail repairs	\$40,000	2029				\$40,000		\$ -
Guard rail repairs	\$40,000	2030				\$40,000		\$ -
Guard rail repairs	\$40,000	2031				\$40,000		\$ -
Guard rail repairs	\$40,000	2032				\$40,000		\$ -
Guard rail repairs	\$40,000	2033				\$40,000		\$ -
								\$ -
PARKING								\$ -
Pay & Display Parking Machines	\$35,000	2024		\$27,000				\$ 8,000
Design - downtown parking lot 5	\$200,000	2024						\$ 200,000
Repair - downtown parking lot 4	\$250,000	2024						\$ 250,000
Paving and drainage - Lot 3	\$550,000	2024						\$ 550,000
Paving and drainage - Lot 5	\$650,000	2024						\$ 650,000
								\$ -
SUB TOTAL ROADS	\$ 55,118,100		\$ 50,000	\$ 5,164,864	\$ 2,844,800	\$ 18,967,000	\$ 12,400,000	\$ 15,691,436
STORM SEWERS								
								\$ -
Storm Sewer repair	\$167,000	2024				\$150,000		\$ 17,000
Design - Niagara Falls Road	\$100,000	2024						\$ 100,000
Design - Rose (Pine to Collier)	\$140,000	2024						\$ 140,000
Design - McDonagh (Tupper to Tupper)	\$126,000	2024						\$ 126,000
Construction - St. Davids Rd. (Foley to Ormond) - phase 2	\$800,000	2024						\$ 800,000

CITY OF THOROLD
2023 BUDGET
CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

ENGINEERING

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	WATER / SEWER	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Urbanization - Egerter Road (Port Robinson to Towpath (DC))	\$1,000,000	2024		\$1,000,000				\$ -
Levy funding		2024				\$114,000		\$ (114,000)
								\$ -
Storm Sewer repair	\$167,000	2025				\$150,000		\$ 17,000
Design - Port Robinson Rd (tracks to canal) (to Egerter DC)	\$75,000	2025						\$ 75,000
Levy funding		2025				\$114,000		\$ (114,000)
								\$ -
Storm Sewer repair	\$167,000	2026				\$150,000		\$ 17,000
Design - MacKan	\$75,000	2026						\$ 75,000
Construction - Decew Road (Ivy Cres to Richmond)	\$700,000	2026						\$ 700,000
Construction - Ross St (Hamilton St to Thorold Ave)	\$400,000	2026						\$ 400,000
Construction - Niagara Falls Road	\$1,000,000	2026						\$ 1,000,000
Construction - Crompton St	\$19,270	2026						\$ 19,270
Construction - Bolton Ave	\$335,200	2026						\$ 335,200
Construction - Cunningham Street (Richmond to Garden)	\$712,300	2026						\$ 712,300
Construction - McCormack Drive (Morton to MacKan)	\$565,600	2026						\$ 565,600
Levy funding		2026				\$114,000		\$ (114,000)
								\$ -
Storm Sewer repair	\$167,000	2027				\$150,000		\$ 17,000
Design - Clara Street	\$150,000	2027						\$ 150,000
Construction - Clairmont	\$500,000	2027						\$ 500,000
Construction - MacKan	\$400,000	2027						\$ 400,000
Construction - Port Robinson Rd (tracks to canal) (to Egerter DC)	\$1,200,000	2027						\$ 1,200,000
Levy funding		2027				\$114,000		\$ (114,000)
								\$ -
Storm Sewer repair	\$167,000	2028				\$150,000		\$ 17,000
Design - Mary Street	\$150,000	2028						\$ 150,000
Design - Elgin Street (Collier to Sydenham)	\$50,000	2028						\$ 50,000
Design - Lynn Crescent	\$50,000	2028						\$ 50,000
Construction - Clara Street	\$1,000,000	2028						\$ 1,000,000
Levy funding		2028				\$114,000		\$ (114,000)
								\$ -
Storm Sewer repair	\$167,000	2029				\$150,000		\$ 17,000
Design - McDonagh Cres. Part 1	\$90,000	2029						\$ 90,000
Design - Queen Street	\$500,000	2029						\$ 500,000
Construction - Elgin Street (Collier to Sydenham)	\$500,000	2029						\$ 500,000

CITY OF THOROLD
2023 BUDGET

CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

ENGINEERING

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	WATER / SEWER	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Construction - Lynn Crescent	\$300,000	2029						\$ 300,000
Construction - Clara Street	\$900,000	2029						\$ 900,000
Levy funding		2029				\$114,000		\$ (114,000)
								\$ -
Storm Sewer repair	\$167,000	2030				\$150,000		\$ 17,000
Design - McDonagh Cres Part 2	\$90,000	2030						\$ 90,000
Design - Ontario Street	\$100,000	2030						\$ 100,000
Construction - McDonagh Cres. Part 1	\$750,000	2030						\$ 750,000
Construction - Mary Street	\$500,000	2030						\$ 500,000
Levy funding		2030				\$114,000		\$ (114,000)
								\$ -
Storm Sewer repair	\$200,000	2031				\$150,000		\$ 50,000
Design - Elgin Street (Sydenham to Pine)	\$150,000	2031						\$ 150,000
Design - Beaver Street	\$75,000	2031						\$ 75,000
Construction - McDonagh Cres Part 2	\$750,000	2031						\$ 750,000
Construction - Queen Street	\$500,000	2031						\$ 500,000
Construction - Ontario Street	\$1,500,000	2031						\$ 1,500,000
Levy funding		2031				\$114,000		\$ (114,000)
								\$ -
Storm Sewer repair	\$200,000	2032				\$150,000		\$ 50,000
Design - Camby Street	\$150,000	2032						\$ 150,000
Design - Centre Street	\$100,000	2032						\$ 100,000
Construction - Beaver Street	\$750,000	2032						\$ 750,000
Construction - Elgin Street (Sydenham to Pine)	\$500,000	2032						\$ 500,000
Levy funding		2032				\$114,000		\$ (114,000)
								\$ -
Storm Sewer repair	\$200,000	2033				\$150,000		\$ 50,000
Design - Rose Ave	\$100,000	2033						\$ 100,000
Design - Ormond Street	\$125,000	2033						\$ 125,000
Design - Pamela Drive	\$75,000	2033						\$ 75,000
Construction - Camby Street	\$1,000,000	2033						\$ 1,000,000
Construction - Centre Street	\$250,000	2033						\$ 250,000
Levy funding		2033				\$114,000		\$ (114,000)
								\$ -
SUB TOTAL STORM SEWERS	\$ 21,072,370		\$ -	\$ 1,000,000	\$ -	\$ 2,640,000	\$ -	\$ 17,432,370

CITY OF THOROLD

2023 BUDGET

CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

ENGINEERING

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	WATER / SEWER	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
WATERMAINS								
Cathodic protection program (new - Water Master Plan)	\$20,000	2024						\$ 20,000
Fire flow retrofit program (new - Water Master Plan)	\$250,000	2024						\$ 250,000
Bulk water station feasibility study (new - Water Master Plan)	\$50,000	2024						\$ 50,000
Design - Niagara Falls Road	\$100,000	2024						\$ 100,000
Design - Rose (Pine to Collier)	\$90,000	2024						\$ 90,000
Design - McDonagh (Tupper to Tupper)	\$81,000	2024						\$ 81,000
Construction - Sullivan/Clairmont Street (Pine to Ormond)	\$500,000	2024						\$ 500,000
Construction - St. Davids Rd. (Foley to Ormond) - phase 2	\$450,000	2024						\$ 450,000
Urbanization - Egerter Road (Port Robinson to Towpath (DC))	\$1,200,000	2024		\$1,200,000				\$ -
Water meter replacement program	\$1,500,000	2024	\$750,000					\$ 750,000
User Fee Funding		2024			\$1,246,000			\$ (1,246,000)
								\$ -
Cathodic protection program (new - Water Master Plan)	\$20,000	2025						\$ 20,000
Fire flow retrofit program (new - Water Master Plan)	\$250,000	2025						\$ 250,000
Design - Winslow Crescent	\$58,000	2025						\$ 58,000
Design - Lawrence Drive	\$62,000	2025						\$ 62,000
Design - Portland Street	\$38,000	2025						\$ 38,000
Design - Pamela Drive	\$42,000	2025						\$ 42,000
Design - Port Robinson (tracks to canal)	\$100,000	2025						\$ 100,000
User Fee Funding		2025			\$1,246,000			\$ (1,246,000)
								\$ -
								\$ -
Cathodic protection program (new - Water Master Plan)	\$20,000	2026						\$ 20,000
Fire flow retrofit program (new - Water Master Plan)	\$250,000	2026						\$ 250,000
Design - MacKan	\$50,000	2026						\$ 50,000
Construction - Winslow Crescent	\$290,000	2026						\$ 290,000
Construction - Decew Road (Ivy Cres to Richmond)	\$500,000	2026		\$90,000				\$ 410,000
Construction - Ross St (Hamilton St to Thorold Ave)	\$400,000	2026						\$ 400,000
Construction - Niagara Falls Road	\$1,000,000	2026						\$ 1,000,000
Construction - Lawrence Drive	\$310,000	2026						\$ 310,000
Construction - Pamela Drive	\$210,000	2026						\$ 210,000
Construction - Portland Street	\$190,000	2026						\$ 190,000
Construction - Crompton St	\$130,000	2026						\$ 130,000
Construction - Bolton Ave	\$130,000	2026						\$ 130,000

CITY OF THOROLD
2023 BUDGET

CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

ENGINEERING

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	WATER / SEWER	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Construction - Cunningham St (Richmond to Garden)	\$254,344	2026						\$ 254,344
Construction - McCormack Drive (Morton to MacKan)	\$250,000	2026						\$ 250,000
User Fee Funding		2026			\$1,246,000			\$ (1,246,000)
								\$ -
Cathodic protection program (new - Water Master Plan)	\$20,000	2027						\$ 20,000
Fire flow retrofit program (new - Water Master Plan)	\$250,000	2027						\$ 250,000
Design - Clara Street	\$150,000	2027						\$ 150,000
Construction - Clairmont St	\$450,000	2027						\$ 450,000
Construction - MacKan	\$150,000	2027						\$ 150,000
Construction - Port Robinson Rd (tracks to canal)	\$750,000	2027						\$ 750,000
User Fee Funding		2027			\$1,246,000			\$ (1,246,000)
								\$ -
Cathodic protection program (new - Water Master Plan)	\$20,000	2028						\$ 20,000
Fire flow retrofit program (new - Water Master Plan)	\$250,000	2028						\$ 250,000
Design - Elgin Street (Collier to Sydenham)	\$50,000	2028						\$ 50,000
Design - Lynn Crescent	\$50,000	2028						\$ 50,000
Construction - Clara Street	\$500,000	2028						\$ 500,000
User Fee Funding		2028			\$1,246,000			\$ (1,246,000)
								\$ -
Cathodic protection program (new - Water Master Plan)	\$20,000	2029						\$ 20,000
Fire flow retrofit program (new - Water Master Plan)	\$250,000	2029						\$ 250,000
Design - McDonagh Cres. Part 1	\$90,000	2029						\$ 90,000
Design - Queen Street	\$200,000	2029						\$ 200,000
Construction - Elgin Street (Collier to Sydenham)	\$250,000	2029						\$ 250,000
Construction - Lynn Crescent	\$250,000	2029						\$ 250,000
User Fee Funding		2029			\$1,246,000			\$ (1,246,000)
								\$ -
Cathodic protection program (new - Water Master Plan)	\$20,000	2030						\$ 20,000
Fire flow retrofit program (new - Water Master Plan)	\$250,000	2030						\$ 250,000
Design - McDonagh Cres Part 2	\$70,000	2030						\$ 70,000
Design - Ontario Street	\$85,000	2030						\$ 85,000
Construction - McDonagh Cres. Part 1	\$450,000	2030						\$ 450,000
Construction - Mary Street	\$100,000	2030						\$ 100,000
User Fee Funding		2030			\$1,246,000			\$ (1,246,000)
								\$ -
Cathodic protection program (new - Water Master Plan)	\$20,000	2031						\$ 20,000

CITY OF THOROLD
2023 BUDGET

CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

ENGINEERING

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	WATER / SEWER	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Fire flow retrofit program (new - Water Master Plan)	\$250,000	2031						\$ 250,000
Construction - Hamilton Blvd	\$80,000	2031						\$ 80,000
Construction - Clairmont Street	\$350,000	2031						\$ 350,000
								\$ -
								\$ -
Cathodic protection program (new - Water Master Plan)	\$20,000	2032						\$ 20,000
Fire flow retrofit program (new - Water Master Plan)	\$250,000	2032						\$ 250,000
Design - Elgin Street (Sydenham to Pine)	\$100,000	2032						\$ 100,000
Design - Beaver Street	\$50,000	2032						\$ 50,000
Construction - McDonagh Cres Part 2	\$350,000	2032						\$ 350,000
Construction - Queen Street	\$150,000	2032						\$ 150,000
Construction - Ontario Street	\$250,000	2032						\$ 250,000
User Fee Funding		2032			\$1,246,000			\$ (1,246,000)
								\$ -
Cathodic protection program (new - Water Master Plan)	\$20,000	2033						\$ 20,000
Fire flow retrofit program (new - Water Master Plan)	\$250,000	2033						\$ 250,000
Design - Camby Street	\$85,000	2033						\$ 85,000
Design - Centre Street	\$55,000	2033						\$ 55,000
Construction - Beaver Street	\$500,000	2033						\$ 500,000
Construction - Elgin Street (Sydenham to Pine)	\$250,000	2033						\$ 250,000
User Fee Funding		2033			\$1,246,000			\$ (1,246,000)
								\$ -
Cathodic protection program (new - Water Master Plan)	\$20,000	2034						\$ 20,000
Fire flow retrofit program (new - Water Master Plan)	\$250,000	2034						\$ 250,000
Design - Rose Ave	\$70,000	2034						\$ 70,000
Design - Ormond Street	\$100,000	2034						\$ 100,000
Design - Pamela Drive	\$50,000	2034						\$ 50,000
Construction - Camby Street	\$400,000	2034						\$ 400,000
Construction - Centre Street	\$100,000	2034						\$ 100,000
User Fee Funding		2034			\$1,246,000			\$ (1,246,000)
								\$ -
SUB TOTAL WATERMAINS	\$ 17,490,344		\$ 750,000	\$ 1,290,000	\$ 12,460,000	\$ -	\$ -	\$ 2,990,344
SANITARY SEWERS								

CITY OF THOROLD
2023 BUDGET
CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

ENGINEERING

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	WATER / SEWER	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Private Sanitary Sewer Disconnection (Year 9)	\$100,000	2024		\$37,500				\$ 62,500
CSO Facilities Maintenance	\$15,000	2024						\$ 15,000
Trenchless Spot Repairs	\$60,000	2024						\$ 60,000
Design - Niagara Falls Road	\$50,000	2024						\$ 50,000
Design - Rose (Pine to Collier)	\$120,000	2024						\$ 120,000
Design - McDonagh (Tupper to Tupper)	\$108,000	2024						\$ 108,000
Construction - Sullivan/Clairmont (Pine to Ormond)	\$401,000	2024						\$ 401,000
Construction - St. Davids Rd. (Foley to Ormond) - phase 2	\$650,000	2024						\$ 650,000
Urbanization - Egerter Road (Port Robinson to Towpath (DC))	\$1,000,000	2024		\$1,000,000				\$ -
Levy Funding		2024			\$1,239,000			\$ (1,239,000)
								\$ -
Private Sanitary Sewer Disconnection (Year 10)	\$100,000	2025		\$37,500				\$ 62,500
CSO Facilities Maintenance	\$15,000	2025						\$ 15,000
Trenchless Spot Repairs	\$60,000	2025						\$ 60,000
Design - Port Robinson Rd (tracks to canal)	\$100,000	2025						\$ 100,000
Levy Funding		2025			\$1,239,000			\$ (1,239,000)
								\$ -
Private Sanitary Sewer Disconnection (Year 11)	\$100,000	2026		\$37,500				\$ 62,500
CSO Facilities Maintenance	\$15,000	2026						\$ 15,000
Trenchless Spot Repairs	\$60,000	2026						\$ 60,000
Design - MacKan	\$100,000	2026						\$ 100,000
Construction - Decew Road (Ivy Cres to Richmond)	\$400,000	2026		\$360,000				\$ 40,000
Construction - Niagara Falls Rd	\$1,000,000	2026						\$ 1,000,000
Construction - Crompton St	\$153,300	2026						\$ 153,300
Construction - Bolton Ave	\$266,500	2026						\$ 266,500
Construction - Cunningham St (Richmond to Garden)	\$566,400	2026						\$ 566,400
Construction - McCormack Dr (Morton to MacKan)	\$449,800	2026						\$ 449,800
Levy Funding		2026			\$1,239,000			\$ (1,239,000)
								\$ -
Private Sanitary Sewer Disconnection (Year 12)	\$100,000	2027		\$37,500				\$ 62,500
CSO Facilities Maintenance	\$15,000	2027						\$ 15,000
Trenchless Spot Repairs	\$60,000	2027						\$ 60,000
Design - Clara Street	\$150,000	2027						\$ 150,000
Design - Lyndon Street West	\$44,000	2027						\$ 44,000
Design - Lynn Crescent	\$42,000	2027						\$ 42,000
Design - Ormond Street South	\$114,000	2027						\$ 114,000

CITY OF THOROLD
2023 BUDGET
CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

ENGINEERING

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	WATER / SEWER	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Construction - MacKan	\$300,000	2027						\$ 300,000
Levy Funding		2027			\$1,239,000			\$ (1,239,000)
								\$ -
Private Sanitary Sewer Disconnection (Year 13)	\$100,000	2028		\$37,500				\$ 62,500
CSO Facilities Maintenance	\$15,000	2028						\$ 15,000
Trenchless Spot Repairs	\$60,000	2028						\$ 60,000
Design - Elgin Street (Collier to Sydenham)	\$50,000	2028						\$ 50,000
Design - Lynn Crescent	\$75,000	2028						\$ 75,000
Construction - Clara Street	\$750,000	2028						\$ 750,000
Levy Funding		2028			\$1,239,000			\$ (1,239,000)
								\$ -
Private Sanitary Sewer Disconnection (Year 14)	\$100,000	2029		\$37,500				\$ 62,500
CSO Facilities Maintenance	\$15,000	2029						\$ 15,000
Trenchless Spot Repairs	\$60,000	2029						\$ 60,000
Design - McDonagh Cres. Part 1	\$120,000	2029						\$ 120,000
Design - Queen Street	\$300,000	2029						\$ 300,000
Construction - Elgin Street (Collier to Sydenham)	\$300,000	2029						\$ 300,000
Construction - Lynn Crescent	\$300,000	2029						\$ 300,000
Levy Funding		2029			\$1,239,000			\$ (1,239,000)
								\$ -
Private Sanitary Sewer Disconnection (Year 15)	\$100,000	2030		\$37,500				\$ 62,500
CSO Facilities Maintenance	\$15,000	2030						\$ 15,000
Trenchless Spot Repairs	\$60,000	2030						\$ 60,000
Design - McDonagh Cres Part 2	\$120,000	2030						\$ 120,000
Design - Ontario Street	\$100,000	2030						\$ 100,000
Construction - McDonagh Cres. Part 1	\$600,000	2030						\$ 600,000
Construction - Mary Street	\$150,000	2030						\$ 150,000
Levy Funding		2030			\$1,239,000			\$ (1,239,000)
								\$ -
Private Sanitary Sewer Disconnection (Year 16)	\$100,000	2031		\$37,500				\$ 62,500
CSO Facilities Maintenance	\$15,000	2031						\$ 15,000
Trenchless Spot Repairs	\$60,000	2031						\$ 60,000
Design - Elgin Street (Sydenham to Pine)	\$125,000	2031						\$ 125,000
Design - Beaver Street	\$75,000	2031						\$ 75,000
Construction - McDonagh Cres Part 2	\$500,000	2031						\$ 500,000
Construction - Queen Street	\$250,000	2031						\$ 250,000

CITY OF THOROLD
2023 BUDGET
CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

ENGINEERING

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	WATER / SEWER	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Construction - Ontario Street	\$300,000	2031						\$ 300,000
Levy Funding		2031			\$1,239,000			\$ (1,239,000)
								\$ -
Private Sanitary Sewer Disconnection (Year 17)	\$100,000	2032		\$37,500				\$ 62,500
CSO Facilities Maintenance	\$15,000	2032						\$ 15,000
Trenchless Spot Repairs	\$60,000	2032						\$ 60,000
Design - Camby Street	\$95,000	2032						\$ 95,000
Design - Centre Street	\$75,000	2032						\$ 75,000
Construction - Beaver Street	\$750,000	2032						\$ 750,000
Construction - Elgin Street (Sydenham to Pine)	\$300,000	2032						\$ 300,000
Levy Funding		2032			\$1,239,000			\$ (1,239,000)
								\$ -
Private Sanitary Sewer Disconnection (Year 18)	\$100,000	2033		\$37,500				\$ 62,500
CSO Facilities Maintenance	\$15,000	2033						\$ 15,000
Trenchless Spot Repairs	\$60,000	2033						\$ 60,000
Design - Rose Ave	\$85,000	2033						\$ 85,000
Design - Ormond Street	\$120,000	2033						\$ 120,000
Design - Pamela Drive	\$65,000	2033						\$ 65,000
Construction - Camby Street	\$500,000	2033						\$ 500,000
Construction - Centre Street	\$150,000	2033						\$ 150,000
Levy Funding		2033			\$1,239,000			\$ (1,239,000)
								\$ -
SUB TOTAL SEWER	\$ 14,020,000		\$ -	\$ 1,735,000	\$ 12,390,000	\$ -	\$ -	\$ (105,000)
CELL PHONES								
Cell phone replacement - Engineering (4)	\$2,000	2024				\$2,000		\$ -
Cell phone replacement - Water (3)	\$1,500	2024			\$1,500			\$ -
Cell phone replacement - Public works (4)	\$2,000	2024				\$2,000		\$ -
Cell phone replacement - Engineering (2)	\$1,000	2025				\$1,000		\$ -
Cell phone replacement - Water (1)	\$500	2025			\$500			\$ -
Cell phone replacement - Public works (9)	\$4,500	2025				\$4,500		\$ -
Cell phone replacement - Port Rob. ferry (1)	\$500	2026				\$500		\$ -
Cell phone replacement - Engineering (4)	\$2,000	2027				\$2,000		\$ -
Cell phone replacement - Water (3)	\$1,500	2027			\$1,500			\$ -
Cell phone replacement - Public works (4)	\$2,000	2027				\$2,000		\$ -

CITY OF THOROLD
2023 BUDGET
CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

ENGINEERING

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	WATER / SEWER	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Cell phone replacement - Engineering (2)	\$1,000	2028				\$1,000		\$ -
Cell phone replacement - Water (1)	\$500	2028			\$500			\$ -
Cell phone replacement - Public works (9)	\$4,500	2028				\$4,500		\$ -
Cell phone replacement - Port Rob. ferry (1)	\$500	2029				\$500		\$ -
Cell phone replacement - Engineering (4)	\$2,000	2030				\$2,000		\$ -
Cell phone replacement - Water (3)	\$1,500	2030			\$1,500			\$ -
Cell phone replacement - Public works (4)	\$2,000	2030				\$2,000		\$ -
Cell phone replacement - Engineering (2)	\$1,000	2031				\$1,000		\$ -
Cell phone replacement - Water (1)	\$500	2031			\$500			\$ -
Cell phone replacement - Public works (9)	\$4,500	2031				\$4,500		\$ -
Cell phone replacement - Port Rob. ferry (1)	\$500	2032				\$500		\$ -
Cell phone replacement - Engineering (4)	\$2,000	2033				\$2,000		\$ -
Cell phone replacement - Water (3)	\$1,500	2033			\$1,500			\$ -
Cell phone replacement - Public works (4)	\$2,000	2033				\$2,000		\$ -
								\$ -
SUB TOTAL CELL PHONES	\$ 41,500		\$ -	\$ -	\$ 7,500	\$ 34,000	\$ -	\$ -
TOTAL	\$107,742,314		\$800,000	\$9,189,864	\$27,702,300	\$21,641,000	\$12,400,000	\$36,009,150

CITY OF THOROLD
2023 BUDGET

Please note that the completion of the Non-Core Asset Management Plan in 2023 will impact 10 year forecast

CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

COMMUNITY SERVICES

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
ARENA							
Replacement of exit door	\$ 25,000	2024					\$ 25,000
Replacement of hockey frames	\$ 4,000	2024					\$ 4,000
New Doherty dressing room small lockers	\$ 7,000	2024					\$ 7,000
Replace sprinkler riser system back end	\$ 20,000	2024					\$ 20,000
Replace ceiling speakers	\$ 20,000	2024					\$ 20,000
Replace scoreboard	\$ 40,000	2024					\$ 40,000
James Whyte Arena Rehabilitation	\$ 10,000,000	2024					\$ 10,000,000
Replace Interior/Exterior Overhead Doors (Doherty)	\$ 27,000	2024					\$ 27,000
Levy funding		2024			\$ 40,000		\$ (40,000)
Replace Roof Top Units	\$ 25,000	2025					\$ 25,000
Levy funding		2025			\$ 40,000		\$ (40,000)
Furniture	\$ 20,000	2026					\$ 20,000
Levy funding		2026			\$ 40,000		\$ (40,000)
Levy funding		2027			\$ 40,000		\$ (40,000)
Seats	\$ 400,000	2028					\$ 400,000
Levy funding		2028			\$ 40,000		\$ (40,000)
Levy funding		2029			\$ 40,000		\$ (40,000)
Levy funding		2030			\$ 40,000		\$ (40,000)
Levy funding		2031			\$ 40,000		\$ (40,000)
Levy funding		2032			\$ 40,000		\$ (40,000)
Levy funding		2033			\$ 40,000		\$ (40,000)
							\$ -
							\$ -
SUB TOTAL ARENA	\$ 10,588,000		\$ -	\$ -	\$ 400,000	\$ -	\$ 10,188,000
ALLANBURG COMMUNITY CENTRE							
AODA Compliance - install platform lift to 2nd floor	\$ 70,000	2024					\$ 70,000
AODA Compliance - widen corridor doors on 2nd floor	\$ 15,800	2024					\$ 15,800
AODA Compliance - install automatic door openers	\$ 6,400	2024					\$ 6,400
AODA Compliance - install accessible service kitchen counter	\$ 3,600	2024					\$ 3,600
AODA Compliance - install automatic door openers - washrooms	\$ 20,500	2024					\$ 20,500
AODA Compliance - convert to universal toilet room - washrooms	\$ 145,000	2024					\$ 145,000
AODA Compliance - pave parking lot & create accessible parking	\$ 43,100	2024					\$ 43,100
Fire Panel replacement	\$ 25,000	2024					\$ 25,000
Refresh of facility	\$ 1,500,000	2024					\$ 1,500,000
Replacement of roof	\$ 250,000	2024					\$ 250,000
Fridges	\$ 7,000	2024					\$ 7,000
Freezer	\$ 1,500	2024					\$ 1,500
Painting	\$ 40,000	2024					\$ 40,000
Stove	\$ 30,000	2024					\$ 30,000
Washroom upgrades	\$ 70,000	2024					\$ 70,000

CITY OF THOROLD
2023 BUDGET

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CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

COMMUNITY SERVICES

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Kitchen replacement	\$ 100,000	2024					\$ 100,000
Lights Upgrade	\$ 20,000	2024					\$ 20,000
							\$ -
SUB TOTAL ACC	\$ 2,347,900		\$ -	\$ -	\$ -	\$ -	\$ 2,347,900
CHESTNUT HALL							
Adaptive reuse study	\$ 20,000	2024					\$ 20,000
Refresh of facility	\$ 2,000,000	2024					\$ 2,000,000
SUB TOTAL CHESTNUT HALL	\$ 2,020,000		\$ -	\$ -	\$ -	\$ -	\$ 2,020,000
LOCK 7							
Replacement of 3 doors on balcony side	\$ 45,000	2024					\$ 45,000
Reglaze exterior siding	\$ 25,000	2024					\$ 25,000
Safety improvements for facility tourism staff	\$ 10,000	2024					\$ 10,000
New security cameras	\$ 8,000	2024					\$ 8,000
SUB TOTAL LOCK 7	\$ 88,000		\$ -	\$ -	\$ -	\$ -	\$ 88,000
DARLENE RYAN PORT ROBINSON COMMUNITY CENTRE							
Refresh of facility	\$ 900,000	2024					\$ 900,000
Paint exterior facade	\$ 15,000	0					\$ 15,000
Replace kitchen counters, cabinets, sinks, floors & appliances	\$ 100,000	2024					\$ 100,000
Reconstruction front entrance ramp - safety concerns	\$ 20,000	2024					\$ 20,000
							\$ -
SUB TOTAL DRPRCC	\$ 1,035,000		\$ -	\$ -	\$ -	\$ -	\$ 1,035,000
FIRE							
Station #4 Refresh	\$ 50,000	2024					\$ 50,000
Security Upgrades - all stations	\$ 100,000	2024					\$ 100,000
Lighting - all stations	\$ 80,000	2024					\$ 80,000
Station #2 Refresh	\$ 100,000	2024					\$ 100,000
Parking Lot - all stations	\$ 100,000	2024					\$ 100,000
Equipment Replacement (Doors)	\$ 40,000	2024					\$ 40,000
New ride on mowers (2)	\$ 30,000	2024					\$ 30,000
New push mowers (2)	\$ 2,500	2024					\$ 2,500
New weed eaters (2)	\$ 2,000	2024					\$ 2,000
Station 3 Design	\$ 125,000	2029					\$ 125,000
Station 3 Construction	\$ 2,000,000	2030					\$ 2,000,000
SUB TOTAL FIRE	\$ 2,629,500		\$ -	\$ -	\$ -	\$ -	\$ 2,629,500

CITY OF THOROLD
2023 BUDGET

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CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

COMMUNITY SERVICES

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV/ CHARGES	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
CITY HALL							
Replacement for internal security cameras	\$ 15,000	2024					\$ 15,000
Name & title plates for cubicles	\$ 2,600	2024					\$ 2,600
RTU's	\$ 150,000	2025					\$ 150,000
SUB TOTAL CITY HALL	\$ 167,600		\$ -	\$ -	\$ -	\$ -	\$ 167,600
POOLS							
Pool Heater Maintenance Inspection	\$ 3,000	2024					\$ 3,000
Retrofit to LED lights	\$ 35,000	2024					\$ 35,000
Retrofit additional doors to fob system - eg mechanical room	\$ 15,000	2024					\$ 15,000
Circulating Pump Inspection	\$ 2,500	2024					\$ 2,500
Replace slide	\$ 8,250	2025					\$ 8,250
SUB TOTAL POOLS	\$ 63,750		\$ -	\$ -	\$ -	\$ -	\$ 63,750
SENIOR CENTRE							
RTU's	\$ 150,000	2024					\$ 150,000
New elevator pit - backup sump pump	\$ 6,000	2024					\$ 6,000
Retrofit additional doors to fob system	\$ 5,000	2024					\$ 5,000
SUB TOTAL SENIOR CENTRE	\$ 161,000		\$ -	\$ -	\$ -	\$ -	\$ 161,000
KEEFER MANSION							
Replacement of HVAC	\$ 10,000	2024					\$ 10,000
Paint facade	\$ 80,000	2024					\$ 80,000
Driveway design (for asphalt)	\$ 15,000	2024					\$ 15,000
Design & repairs to St Davids retaining wall	\$ 25,000	2024					\$ 25,000
Replacement of asphalt driveway	\$ 150,000	2024					\$ 150,000
SUB TOTAL SENIOR CENTRE	\$ 280,000		\$ -	\$ -	\$ -	\$ -	\$ 280,000
CEMETERY / MAUSOLEUM							
Asphalt - driveway & laneways (tar & chip)	\$ 50,000	2024					\$ 50,000
New mini excavator	\$ 120,000	2024					\$ 120,000
Cemetery Service expansion - new Mosque section	\$ 85,000	2024					\$ 85,000
Additional door timers for mausoleum building	\$ 10,000	2024					\$ 10,000
Mapping consultant for digitization of cemetery records	\$ 150,000	2024					\$ 150,000
Install drainage in Old Lakeview Cemetery	\$ 150,000	2024					\$ 150,000
Removal of trees/stumps in Old Lakeview Cemetery	\$ 100,000	2024					\$ 100,000
GBR Scanning of plots in Old Lakeview Cemetery	\$ 75,000	2024					\$ 75,000
Surveying, signage & documentation for Old Lakeview Cemetery	\$ 50,000	2024					\$ 50,000

CITY OF THOROLD
2023 BUDGET

Please note that the completion of the Non-Core Asset Management Plan in 2023 will impact 10 year forecast

CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

COMMUNITY SERVICES

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Cemetery Office Refresh	\$ 15,000	2024					\$ 15,000
Admin building roof	\$ 15,000	2024					\$ 15,000
Grounds beautification	\$ 500,000	2024					\$ 500,000
New Mausoleum	\$ 2,750,000	2024				\$ 2,750,000	\$ -
Asphalt - driveway & laneways (tar & chip)	\$ 15,000	2025					\$ 15,000
Asphalt - driveway & laneways (tar & chip)	\$ 50,000	2026					\$ 50,000
Asphalt - driveway & laneways (tar & chip)	\$ 15,000	2027					\$ 15,000
Asphalt - driveway & laneways (tar & chip)	\$ 50,000	2028					\$ 50,000
Asphalt - driveway & laneways (tar & chip)	\$ 15,000	2029					\$ 15,000
Asphalt - driveway & laneways (tar & chip)	\$ 50,000	2030					\$ 50,000
Asphalt - driveway & laneways (tar & chip)	\$ 15,000	2031					\$ 15,000
Asphalt - driveway & laneways (tar & chip)	\$ 50,000	2032					\$ 50,000
Asphalt - driveway & laneways (tar & chip)	\$ 15,000	2033					\$ 15,000
							\$ -
							\$ -
SUB TOTAL CEM/MAUS	\$ 4,345,000		\$ -	\$ -	\$ -	\$ 2,750,000	\$ 1,595,000
PARKS & RECREATION							
Install Park Signage	\$ 10,000	2024					\$ 10,000
Washroom CE Grose	\$ 90,000	2024					\$ 90,000
Welland Canal Trail Resurfacing	\$ 160,000	2024					\$ 160,000
Upgrades to ferry platform	\$ 20,000	2024					\$ 20,000
McAdam SkateBoard Park Refurbishment / or Removal	\$ 500,000	2024					\$ 500,000
Decew House repointing (Masonry work)	\$ 500,000	2024					\$ 500,000
Replacement Playground (Sullivan)	\$ 300,000	2024					\$ 300,000
New washroom for Park- Mel Swart	\$ 100,000	2024					\$ 100,000
Signs and Fencing for McAdam Park - security	\$ 50,000	2024					\$ 50,000
Design parking/feature at Old Thorold Stone Rd / Davis Rd	\$ 25,000	2024					\$ 25,000
Repair damaged fence - South Confed	\$ 10,000	2024					\$ 10,000
Install cameras in parks	\$ 200,000	2024					\$ 200,000
Paving approx 10 pathways between houses	\$ 50,000	2024					\$ 50,000
AODA walkway Port Robinson East park	\$ 60,000	2024					\$ 60,000
Retrofit to LED light fixtures - Sullivan	\$ 150,000	2024					\$ 150,000
Retrofit to LED light fixtures - Tennis Courts	\$ 15,000	2024					\$ 15,000
Trimmers (x4) replacements	\$ 3,000	2024					\$ 3,000
New Sod Cutter	\$ 9,000	2024					\$ 9,000
Design for refurbishment of McAdam Park	\$ 100,000	2024					\$ 100,000
Replacement asphalt South Confederation walkways	\$ 150,000	2024					\$ 150,000
Pave TCAG parking lot	\$ 100,000	2024					\$ 100,000
Replacement scoreboard - McMillian	\$ 20,000	2024					\$ 20,000
Replacement scoreboard - Sullivan	\$ 18,000	2024					\$ 18,000
New fencing various parks (ATVs) - Thorold South, Allanburg, Port Robin	\$ 500,000	2024					\$ 500,000

CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

COMMUNITY SERVICES

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV/ CHARGES	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Port Robinson Ferry Dock Improvements	\$ 100,000	2024					\$ 100,000
New automation of sports field light solution	\$ 12,000	2024					\$ 12,000
New park lights for Port Robinson East park	\$ 5,000	2024					\$ 5,000
Decew House - Masonary work on remaining foundation	\$ 20,000	2024					\$ 20,000
Replacement Welland Canal trail paving	\$ 500,000	2024					\$ 500,000
New Beechwood Park - landworks & gravel parking lot	\$ 150,000	2024					\$ 150,000
New Port Robinson West Phase 2 playground	\$ 400,000	2024					\$ 400,000
Remote parks - new sea-can storage for equipment	\$ 50,000	2024					\$ 50,000
Remote parks - new 2 Small equipment trailers	\$ 2,500	2024					\$ 2,500
Remote parks - new Large mower for finish cutting	\$ 140,000	2024					\$ 140,000
Remote parks - new attachment for tractor (belly deck)	\$ 4,500	2024					\$ 4,500
Remote parks - fuel (flammable safety) storage	\$ 16,000	2024					\$ 16,000
Remote parks - Lawn tool safety kits	\$ 20,000	2024					\$ 20,000
Remote parks - Field Safety Kits	\$ 25,000	2024					\$ 25,000
							\$ -
Install Park Signage	\$ 10,000	2025					\$ 10,000
New stump grinder	\$ 30,000	2025					\$ 30,000
Volleyball Courts - Richmond St	\$ 25,000	2025					\$ 25,000
Design of McMillan #2 parking lot-new pavement	\$ 50,000	2025					\$ 50,000
Construction of McMillan #2 parking lot	\$ 200,000	2025					\$ 200,000
Install Park Signage	\$ 10,000	2026					\$ 10,000
Design Downtown Skateboard Park	\$ 18,000	2026					\$ 18,000
Welland Canal Trail Resurfacing	\$ 160,000	2026					\$ 160,000
McAdam Park Skateboard Park Refresh	\$ 500,000	2026					\$ 500,000
							\$ -
Install Park Signage	\$ 10,000	2027					\$ 10,000
							\$ -
Install Park Signage	\$ 10,000	2028					\$ 10,000
Construct Downtown Skateboard Park	\$ 500,000	2028					\$ 500,000
Welland Canal Trail Resurfacing	\$ 165,000	2028					\$ 165,000
							\$ -
Install Park Signage	\$ 10,000	2029					\$ 10,000
							\$ -
Install Park Signage	\$ 10,000	2030					\$ 10,000
							\$ -
Install Park Signage	\$ 10,000	2031					\$ 10,000
							\$ -
Install Park Signage	\$ 10,000	2032					\$ 10,000
							\$ -
Install Park Signage	\$ 10,000	2033					\$ 10,000
							\$ -

CITY OF THOROLD
2023 BUDGET

Please note that the completion of the Non-Core Asset Management Plan in 2023 will impact 10 year forecast

CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

COMMUNITY SERVICES

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Install Park Signage	\$ 10,000	2033					\$ 10,000
SUB TOTAL PARKS & RECREATION	\$ 6,333,000		\$ -	\$ -	\$ -	\$ -	\$ 6,333,000
CELL PHONES							
Cell Phone replacement- Arena (2)	\$ 1,000	2024			\$ 1,000		\$ -
Cell Phone replacement- Parks (3)	\$ 1,500	2024			\$ 1,500		\$ -
Cell Phone replacement- Arena (1)	\$ 500	2025			\$ 500		\$ -
Cell Phone replacement- Community Services	\$ 500	2025			\$ 500		\$ -
Cell Phone replacement- Cemetary (2)	\$ 1,000	2025			\$ 1,000		\$ -
Cell Phone replacement- Community Services	\$ 500	2026			\$ 500		\$ -
Cell Phone replacement- Arena (2)	\$ 1,000	2027			\$ 1,000		\$ -
Cell Phone replacement- Parks (3)	\$ 1,500	2027			\$ 1,500		\$ -
Cell Phone replacement- Arena (1)	\$ 500	2028			\$ 500		\$ -
Cell Phone replacement- Community Services	\$ 500	2028			\$ 500		\$ -
Cell Phone replacement- Cemetary (2)	\$ 1,000	2028			\$ 1,000		\$ -
Cell Phone replacement- Community Services	\$ 500	2029			\$ 500		\$ -
Cell Phone replacement- Arena (2)	\$ 1,000	2030			\$ 1,000		\$ -
Cell Phone replacement- Parks (3)	\$ 1,500	2030			\$ 1,500		\$ -
Cell Phone replacement- Arena (1)	\$ 500	2031			\$ 500		\$ -
Cell Phone replacement- Community Services	\$ 500	2031			\$ 500		\$ -
Cell Phone replacement- Cemetary (2)	\$ 1,000	2031			\$ 1,000		\$ -
Cell Phone replacement- Community Services	\$ 500	2032			\$ 500		\$ -
Cell Phone replacement- Arena (2)	\$ 1,000	2033			\$ 1,000		\$ -
Cell Phone replacement- Parks (3)	\$ 1,500	2033			\$ 1,500		\$ -
SUB TOTAL CELL PHONES	\$ 17,500		\$ -	\$ -	\$ 17,500	\$ -	\$ -
OTHER PROJECTS							
NRBN fibre optic cable expansion - business development, 5-6 locations	\$ 150,000	2024					\$ 150,000
Security camera program - from Council for Front St, Decew House, etc	\$ 50,000	2024					\$ 50,000
Design of gateway sign	\$ 150,000	2024					\$ 150,000
SUB TOTAL OTHER PROJECTS	\$ 350,000		\$ -	\$ -	\$ -	\$ -	\$ 350,000
TOTAL	\$ 30,426,250	\$ -	\$ -	\$ -	\$ 417,500	\$ 2,750,000	\$ 27,258,750

CITY OF THOROLD
2023 BUDGET

CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

CBO

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Cell phone replacement (5 - Building)	\$2,500	2024	\$2,500			\$0
Cell phone replacement (3 - By-law)	\$1,500	2024				\$1,500
Cell phone replacement (1 - Building)	\$500	2025	\$500			\$0
Cell phone replacement (3 - By-law)	\$1,500	2025				\$1,500
Cell phone replacement (5 - Building)	\$2,500	2027	\$2,500			\$0
Cell phone replacement (3 - By-law)	\$1,500	2027				\$1,500
<i>Parking ticket printers</i>	\$3,000	<i>** may be adjusted 2027</i>				\$3,000
Cell phone replacement (1 - Building)	\$500	2028	\$500			\$0
Cell phone replacement (3 - By-law)	\$1,500	2028				\$1,500
Cell phone replacement (5 - Building)	\$2,500	2030	\$2,500			\$0
Cell phone replacement (3 - By-law)	\$1,500	2030				\$1,500
Cell phone replacement (1 - Building)	\$500	2031	\$500			\$0
Cell phone replacement (3 - By-law)	\$1,500	2031				\$1,500
<i>Parking ticket printers</i>	\$3,000	<i>** may be adjusted 2032</i>				\$3,000
Cell phone replacement (5 - Building)	\$2,500	2033	\$2,500			\$0
Cell phone replacement (3 - By-law)	\$1,500	2033				\$1,500
TOTAL	\$28,000		\$ 11,500	\$ -	\$ -	\$ 16,500

CITY OF THOROLD

2023 BUDGET

CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

CAO

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Cell Phone Replacement - ED officer, HR & HS	\$1,500	2024		\$1,500		
Cell Phone Replacement - CAO, Communications & Admins	\$1,500	2026		\$1,500		
Cell Phone Replacement - ED officer, HR & HS	\$1,500	2027		\$1,500		
Cell Phone Replacement - CAO, Communications & Admins	\$1,500	2029		\$1,500		
Cell Phone Replacement - ED officer, HR & HS	\$1,500	2030		\$1,500		
Cell Phone Replacement - CAO, Communications & Admins	\$1,500	2032		\$1,500		
Cell Phone Replacement - ED officer, HR & HS	\$1,500	2033		\$1,500		
TOTAL	\$10,500		\$0	\$10,500	\$0	\$0

CITY OF THOROLD
2023 BUDGET

CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

CBO

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Cell phone replacement (5 - Building)	\$2,500	2024	\$2,500			\$0
Cell phone replacement (3 - By-law)	\$1,500	2024		\$1,500		\$0
Cell phone replacement (1 - Building)	\$500	2025	\$500			\$0
Cell phone replacement (3 - By-law)	\$1,500	2025		\$1,500		\$0
Cell phone replacement (5 - Building)	\$2,500	2027	\$2,500			\$0
Cell phone replacement (3 - By-law)	\$1,500	2027		\$1,500		\$0
<i>Parking ticket printers</i>	\$3,000	<i>** may be adjusted 2027</i>				\$3,000
Cell phone replacement (1 - Building)	\$500	2028	\$500			\$0
Cell phone replacement (3 - By-law)	\$1,500	2028		\$1,500		\$0
Cell phone replacement (5 - Building)	\$2,500	2030	\$2,500			\$0
Cell phone replacement (3 - By-law)	\$1,500	2030		\$1,500		\$0
Cell phone replacement (1 - Building)	\$500	2031	\$500			\$0
Cell phone replacement (3 - By-law)	\$1,500	2031		\$1,500		\$0
<i>Parking ticket printers</i>	\$3,000	<i>** may be adjusted 2032</i>				\$3,000
Cell phone replacement (5 - Building)	\$2,500	2033	\$2,500			\$0
Cell phone replacement (3 - By-law)	\$1,500	2033		\$1,500		\$0
TOTAL	\$28,000		\$ 11,500	\$ 10,500	\$ -	\$ 6,000

CITY OF THOROLD
2023 BUDGET

CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

CLERKS

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Website Refresh - every 4 years	\$ 10,000	2024				\$ 10,000
Cell Phone Replacement - City Clerk	\$ 500	2024		\$ 500		\$ -
Cell Phone Replacement - Deputy Clerk	\$ 500	2025		\$ 500		\$ -
New Mail Machine	\$ 15,000	2025				\$ 15,000
Councillor Devices	\$ 18,000	2026				\$ 18,000
Cell Phone Replacement - City Clerk	\$ 500	2027		\$ 500		\$ -
Cell Phone Replacement - Deputy Clerk	\$ 500	2028		\$ 500		\$ -
Website Refresh - every 4 years	\$ 10,000	2028				\$ 10,000
Councillor Devices	\$ 22,000	2030				\$ 22,000
Cell Phone Replacement - City Clerk	\$ 500	2030		\$ 500		\$ -
Cell Phone Replacement - Deputy Clerk	\$ 500	2031		\$ 500		\$ -
Website Refresh - every 4 years	\$ 10,000	2032				\$ 10,000
Cell Phone Replacement - City Clerk	\$ 500	2033		\$ 500		\$ -
						\$ -
TOTAL	\$ 88,500		\$ -	\$ 3,500	\$ -	\$ 85,000

CITY OF THOROLD
2023 BUDGET

CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

Please note that the completion of the Non-Core Asset Management Plan in 2023 will impact 10 year forecast

IT & FINANCE

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	LEVY	CAPITAL FUNDING SHORTFALL
FINANCE						
Cell Phone - Director of Finance	\$ 500	2024			\$ 500	
Asset Management Plan update - Core Assets	\$ 70,000	2025				\$ 70,000
Asset Management Plan update - Non Core Assets	\$ 100,000	2026				\$ 100,000
Actuary Study - Sick Leave & Future Benefits	\$ 5,000	2026		\$ 5,000		
Cell Phone - Director of Finance	\$ 500	2027		\$ 500		
Actuary Study - Sick Leave & Future Benefits	\$ 5,000	2029		\$ 5,000		
Asset Management Plan update - Core Assets	\$ 70,000	2031				\$ 70,000
Cell Phone - Director of Finance	\$ 500	2030		\$ 500		
Actuary Study - Sick Leave & Future Benefits	\$ 5,000	2032		\$ 5,000		
Asset Management Plan update - Non Core Assets	\$ 100,000	2032				\$ 100,000
Development Charges Study: Combined	\$ 85,000	2033				\$ 85,000
Cell Phone - Director of Finance	\$ 500	2033		\$ 500		
SUBTOTAL	\$ 442,000		\$ -	\$ -	\$ 17,000	\$ 425,000
IT						
Firewall / Router replacement	\$ 20,000	2024			\$ 4,000	\$ 16,000
Offsite Network Storage Appliance Replacement	\$ 80,000	2024				\$ 80,000
Computer Workstation/Laptop Replacements/Prov	\$ 8,000	2024				\$ 8,000
Cell Phone - IT (2)	\$ 1,000	2024		\$ 1,000		
Computer Workstation/Laptop Replacements/Prov	\$ 8,000	2025				\$ 8,000
Desktop Computer Replacements (75)	\$ 75,000	2026		\$ 15,000		\$ 60,000
Server Replacement 6	\$ 100,000	2026		\$ 20,000		\$ 80,000
Data Backup Storage	\$ 15,000	2026		\$ 3,000		\$ 12,000
Computer Workstation/Laptop Replacements/Prov	\$ 8,000	2026				\$ 8,000
Computer Workstation/Laptop Replacements/Prov	\$ 8,000	2027				\$ 8,000
Cell Phone - IT (2)	\$ 1,000	2027		\$ 1,000		
Network Storage Appliance Replacements 2	\$ 160,000	2028		\$ 32,000		\$ 128,000
MS Office Upgrade	\$ 70,000	2028		\$ 14,000		\$ 56,000
Computer Workstation/Laptop Replacements/Prov	\$ 8,000	2029				\$ 8,000
Firewall / Router replacement	\$ 20,000	2029		\$ 4,000		\$ 16,000
Computer Workstation/Laptop Replacements/Prov	\$ 8,000	2030				\$ 8,000
Desktop Computer Replacements (90)	\$ 90,000	2030		\$ 18,000		\$ 72,000
Cell Phone - IT (2)	\$ 1,000	2030		\$ 1,000		
Computer Workstation/Laptop Replacements/Prov	\$ 8,000	2031				\$ 8,000
Server Replacement 6	\$ 100,000	2031		\$ 20,000		\$ 80,000
Data Backup Storage	\$ 15,000	2032		\$ 3,000		\$ 12,000
Computer Workstation/Laptop Replacements/Prov	\$ 8,000	2032				\$ 8,000
Network Storage Appliance Replacements 2	\$ 160,000	2033				\$ 160,000
Cell Phone - IT (2)	\$ 1,000	2033		\$ 1,000		
SUBTOTAL	\$ 973,000		\$ -	\$ -	\$ 137,000	\$ 836,000
TOTAL	\$ 1,415,000		\$ -	\$ -	\$ 154,000	\$ 1,261,000

CITY OF THOROLD
2023 BUDGET

Please note that the completion of the Non-Core Asset Management Plan in 2023 will impact 10 year forecast

CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

FIRE

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Bunker Gear	\$35,000	2024			\$35,000		\$ -
Pagers and Radios	\$10,000	2024			\$10,000		\$ -
PPE - helmets	\$8,800	2024			\$8,800		\$ -
Hoses and Applicances	\$15,000	2024			\$15,000		\$ -
Thermal Image Camera	\$15,000	2024					\$ 15,000
Cell phone replacement (2)	\$2,500	2024			\$2,500		\$ -
							\$ -
Bunker Gear	\$40,000	2025			\$40,000		\$ -
Pagers and Radios	\$10,000	2025			\$10,000		\$ -
PPE - helmets	\$6,400	2025			\$6,400		\$ -
Hoses and Applicances	\$15,000	2025			\$15,000		\$ -
Water Rescue Dummy	\$5,000	2025					\$ 5,000
Cell phone replacement (2)	\$2,500	2025			\$2,500		\$ -
							\$ -
Bunker Gear	\$40,000	2026			\$40,000		\$ -
Pagers and Radios	\$10,000	2026			\$10,000		\$ -
PPE - helmets	\$6,400	2026			\$6,400		\$ -
Hoses and Applicances	\$15,000	2026			\$15,000		\$ -
Tanker Shuttle Accreditation	\$10,000	2026					\$ 10,000
Cell phone replacement (2)	\$2,500	2026			\$2,500		\$ -
							\$ -
Bunker Gear	\$40,000	2027			\$40,000		\$ -
Pagers and Radios	\$10,000	2027			\$10,000		\$ -
PPE - helmets	\$8,500	2027			\$8,500		\$ -
Hoses and Applicances	\$15,000	2027			\$15,000		\$ -
Cell phone replacement (2)	\$2,500	2027			\$2,500		\$ -
							\$ -
Bunker Gear	\$40,000	2028			\$40,000		\$ -
Pagers and Radios	\$10,000	2028			\$10,000		\$ -
PPE - helmets	\$20,000	2028			\$20,000		\$ -
Hoses and Applicances	\$15,000	2028			\$15,000		\$ -
Ice Water Command Suits	\$20,000	2028					\$ 20,000
Cell phone replacement (2)	\$2,500	2028			\$2,500		\$ -
							\$ -
Bunker Gear	\$40,000	2029			\$40,000		\$ -
Pagers and Radios	\$10,000	2029			\$10,000		\$ -
PPE - helmets	\$20,000	2029			\$20,000		\$ -
Hoses and Applicances	\$15,000	2029			\$15,000		\$ -

CITY OF THOROLD
2023 BUDGET

Please note that the completion of the Non-Core Asset Management Plan in 2023 will impact 10 year forecast

CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

FIRE

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Water Rescue Dummy	\$5,000	2029					\$ 5,000
Cell phone replacement (2)	\$2,500	2029			\$2,500		\$ -
							\$ -
Bunker Gear	\$40,000	2030			\$40,000		\$ -
Pagers and Radios	\$10,000	2030			\$10,000		\$ -
PPE - helmets	\$20,000	2030			\$20,000		\$ -
Hoses and Applicances	\$15,000	2030			\$15,000		\$ -
Extrication Equipment	\$75,000	2030					\$ 75,000
Cell phone replacement (2)	\$2,500	2030			\$2,500		\$ -
							\$ -
Bunker Gear	\$40,000	2031			\$40,000		\$ -
Pagers and Radios	\$10,000	2031			\$10,000		\$ -
PPE - helmets	\$20,000	2031			\$20,000		\$ -
Hoses and Applicances	\$15,000	2031			\$15,000		\$ -
Cell phone replacement (2)	\$2,500	2031			\$2,500		\$ -
							\$ -
Bunker Gear	\$40,000	2032			\$40,000		\$ -
Pagers and Radios	\$10,000	2032			\$10,000		\$ -
PPE - helmets	\$20,000	2032			\$20,000		\$ -
Hoses and Applicances	\$15,000	2032			\$15,000		\$ -
Cell phone replacement (2)	\$2,500	2032			\$2,500		\$ -
							\$ -
Bunker Gear	\$40,000	2033			\$40,000		\$ -
Pagers and Radios	\$10,000	2033			\$10,000		\$ -
PPE - helmets	\$20,000	2033			\$20,000		\$ -
Hoses and Applicances	\$15,000	2033			\$15,000		\$ -
Cell phone replacement (2)	\$2,500	2033			\$2,500		\$ -
							\$ -
TOTAL	\$ 950,100		\$ -	\$ -	\$ 820,100	\$ -	\$ 130,000

CITY OF THOROLD
2023 BUDGET
CAPITAL PROJECTS TEN-YEAR FORECAST: 2024 to 2033

PLANNING

PROJECT	AMOUNT	PROJECTED YEAR	RESERVES	DEV CHARGES	LEVY	GRANTS, DEVELOPER / USER CONTRIBUTIONS	CAPITAL FUNDING SHORTFALL
Downtown Heritage District Plan	\$ 75,000	2024					\$ 75,000
Zoning conformity update	\$ 150,000	2024					\$ 150,000
Housing strategy	\$ 200,000	2024					\$ 200,000
Cell phone replacement	\$500	2024			\$500		\$ -
Cell phone replacement	\$500	2025			\$500		\$ -
Cell phone replacement	\$500	2027			\$500		\$ -
Cell phone replacement	\$500	2028			\$500		\$ -
Official Plan 5 year review	\$ 300,000	2028		\$ 120,600			\$ 179,400
Cell phone replacement	\$500	2030			\$500		\$ -
Cell phone replacement	\$500	2031			\$500		\$ -
Cell phone replacement	\$500	2030			\$500		\$ -
Official Plan 5 year review	\$ 300,000	2033		\$ 120,600			\$ 179,400
							\$ -
TOTAL	\$ 1,028,500		\$ -	\$ 241,200	\$ 3,500	\$ -	\$ 783,800

FINANCING PROPOSALS FOR INTERNALLY FINANCED CAPITAL PROJECTS

Outdoor Pool

Total Estimated Capital Costs

\$3,811,324

Financing Proposal: INTERNAL FINANCING

Year	Pool Rsv	Dev Charges	Investing In Ontario Grant	Walker Funds	Internal Financing Interest Charges	Balance
						\$3,811,324
2009	\$94,000	\$396,000	\$200,000		\$54,887	\$3,176,211
2010		\$460,000	\$0	\$17,056	\$108,476	\$2,807,631
2011			\$0	\$140,622	\$134,283	\$2,801,292
2012	\$0		\$0	\$209,836	\$112,000	\$2,703,456
2013	\$0		\$0	\$245,805	\$108,138	\$2,565,789
2014	\$0		\$0	\$221,327	\$102,632	\$2,447,094
2015				\$279,797	\$97,884	\$2,265,181
2016				\$265,849	\$90,607	\$2,089,939
2017				\$249,030	\$83,598	\$1,924,506
2018				\$252,570	\$76,980	\$1,748,917
2019				\$262,871	\$69,957	\$1,556,002
2020				\$256,710	\$62,652	\$1,361,944
2021				\$265,815	\$54,461	\$1,150,590
2022				\$264,811	\$46,007	\$931,786
2023				\$264,000	\$37,271	\$705,058
2024				\$264,000	\$28,202	\$469,260
2025				\$264,000	\$18,770	\$224,030
2026				\$232,992	\$8,961	\$0

City Hall

Debt Balloon Payment Due

\$365,000

Financing Proposal: INTERNAL FINANCING

Year	Funding Provision	Interest	Balloon Payment Due	Balance to be funded
2016	\$33,965		\$365,000	\$331,035
2017	\$43,030	\$8,519		\$296,524
2018	\$43,030	\$7,656		\$261,150
2019	\$43,987	\$6,772		\$223,935
2020	\$43,030	\$5,866		\$186,771
2021	\$43,030	\$4,936		\$148,677
2022	\$43,030	\$3,187		\$108,834
2023	\$43,030	\$2,721		\$68,525
2024	\$43,030	\$1,713		\$27,208
2025	\$27,888	\$680		\$0

City of Thorold
ENERGY RETROFIT PROJECT

Total Capital Costs Estimated

\$1,329,000

Financing Proposal: INTERNAL FINANCING

Year	Funding Provision	Incentive Payment / Grant	Capital Costs	Interest	Balance to be funded
2012	\$50,000	\$3,187	\$698,184	\$0	\$644,997
2013	\$91,000	\$47,228	\$630,545	\$19,035	\$1,156,349
2014	\$108,400	\$0			\$1,047,949
2015	\$100,000			\$32,477	\$980,426
2016	\$100,000			\$30,452	\$910,878
2017	\$100,000			\$28,365	\$839,243
2018	\$100,000			\$26,216	\$765,459
2019	\$100,000			\$24,003	\$689,462
2020	\$100,000			\$21,723	\$611,185
2021	\$100,000			\$19,375	\$530,560
2022	\$100,000			\$16,956	\$447,516
2023	\$100,000			\$13,425	\$360,941
2024	\$100,000			\$10,828	\$271,770
2025	\$100,000			\$8,153	\$179,923
2026	\$100,000			\$5,398	\$85,320
2027	\$87,880			\$2,560	\$0

City of Thorold
ARENA REMEDIATION 2016

Total Capital Costs Estimated

Budget 2016

\$1,000,000

Actual

\$894,854

Financing Proposal: INTERNAL FINANCING

Year	Funding Provision	Reserves	Capital Costs	Interest Internal	Balance to be funded
2016	\$72,301		\$81,932	\$0	\$9,631
2017	\$72,301		\$812,848	\$265	\$750,443
2018	\$72,301		\$74	\$16,476	\$694,692
2019	\$72,301			\$14,941	\$637,332
2020	\$72,301			\$13,363	\$578,394
2021	\$126,400			\$11,742	\$463,736
2022	\$126,400			\$8,589	\$345,925
2023	\$126,400			\$9,513	\$229,038
2024	\$126,400			\$6,299	\$108,936
2025	\$111,932			\$2,996	\$0

**City of Thorold
ARENA REMEDIATION 2017**

Total Capital Costs Estimated \$1,010,000

Actual \$1,017,916

Financing Proposal: INTERNAL FINANCING

Year	Funding Provision	Reserves	Capital Costs	Interest Internal	Balance to be funded
2017	\$61,100		\$1,011,515	\$0	\$950,415
2018	\$61,100		\$6,401	\$31,314	\$927,030
2019	\$61,100			\$30,331	\$896,261
2020	\$61,100			\$29,315	\$864,476
2021	\$61,100			\$28,266	\$831,642
2022	\$61,100			\$27,183	\$797,725
2023	\$61,100			\$26,325	\$762,950
2024	\$61,100			\$25,177	\$727,027
2025	\$75,568			\$23,992	\$675,451
2026	\$187,500			\$22,290	\$510,241
2027	\$187,500			\$16,838	\$339,579
2028	\$187,500			\$11,206	\$163,285
2029	\$168,674			\$5,388	\$0

City of Thorold
ARENA ICE PLANT

Total Capital Costs Estimated	2022	BUDGET	1,500,000
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Financing Proposal: INTERNAL FINANCING

Year	Funding Provision	Reserves	Capital Costs	Interest	Balance to be funded
2022	\$211,132	\$6,500	\$645,492	\$0	\$427,860
2023	\$218,301		\$854,508		\$1,064,066
2024	\$218,301			\$31,922	\$877,687
2025	\$218,301			\$26,331	\$685,716
2026	\$261,301			\$20,571	\$444,986
2027	\$261,301			\$13,350	\$197,034
2028	\$202,945			\$5,911	\$0

City of Thorold
ARENA DOHERTY ROOF REPLACEMENT

Total Capital Costs Estimated 2022 BUDGET 600,000

Financing Proposal: INTERNAL FINANCING

Year	Funding Provision	Reserves	Capital Costs	Interest	Balance to be funded
2022	\$70,121		\$14,750	\$0	-\$55,371
2023	\$70,121		\$585,250		\$459,759
2024	\$70,121			\$13,793	\$403,431
2025	\$70,121			\$12,103	\$345,413
2026	\$70,121			\$10,362	\$285,655
2027	\$70,121			\$8,570	\$224,104
2028	\$70,121			\$6,723	\$160,707
2029	\$70,121			\$4,821	\$95,408
2030	\$70,121			\$2,862	\$28,149
2031	\$28,994			\$844	\$0

City of Thorold
CANADA SUMMER GAMES

Total Capital Costs Estimated

2021 BUDGET	\$5,200,000
2022 BUDGET	\$100,000
	<u>\$5,300,000</u>

Actual \$5,267,626

Financing Proposal: INTERNAL FINANCING

Year	Funding Provision	Internal Financing	Misc Expense Recovery	DC's	Capital Costs	Interest	Balance to be funded
2020	\$85,000				\$112,088		\$27,088
2021	\$85,000	\$200,000	\$18,663	\$3,690,000	\$5,148,545		\$1,181,970
2022	\$86,700				\$6,993	\$0	\$1,102,263
2023	\$86,700					\$33,068	\$1,048,631
2024	\$86,700					\$31,459	\$993,390
2025	\$86,700					\$29,802	\$936,492
2026	\$86,700					\$28,095	\$877,886
2027	\$86,700					\$26,337	\$817,523
2028	\$86,700					\$24,526	\$755,349
2029	\$86,700					\$22,660	\$691,309
2030	\$86,700					\$20,739	\$625,348
2031	\$86,700					\$18,760	\$557,409
2032	\$86,700					\$16,722	\$487,431
2033	\$86,700					\$14,623	\$415,354
2034	\$86,700					\$12,461	\$341,115
2035	\$86,700					\$10,233	\$264,648
2036	\$86,700					\$7,939	\$185,887
2037	\$86,700					\$5,577	\$104,764
2038	\$86,700					\$3,143	\$21,207
2039	\$21,843					\$636	\$0

City of Thorold
PARKS QUONSET HUT

Total Capital Costs 2019 \$234,600

Financing Proposal: INTERNAL FINANCING

Year	Funding Provision	Capital Costs	Interest	Balance to be funded
2019	\$12,500	\$234,600		\$222,100
2020	\$25,500		\$6,663	\$203,263
2021	\$25,000		\$6,098	\$184,361
2022	\$25,000		\$5,546	\$164,907
2023	\$25,000		\$4,947	\$144,854
2024	\$25,000		\$4,346	\$124,200
2025	\$25,000		\$3,726	\$102,926
2026	\$25,000		\$3,088	\$81,013
2027	\$25,000		\$2,430	\$58,444
2028	\$25,500		\$1,753	\$34,697
2029	\$25,500		\$1,041	\$10,238
2030	\$10,545		\$307	\$0

City of Thorold
BATTLE OF BEAVERDAMS PARK

Total Capital Costs Estimated 2021 Budget \$2,000,000

Actual \$1,939,364

Financing Proposal: INTERNAL FINANCING

Year	Funding Provision	Grants	Donations	Reserves	Capital Costs	Interest	Balance to be funded
2021	\$83,500		\$25,000	\$759,851	\$1,366,448		\$498,097
2022	\$83,500	\$490,149	\$25,000		\$572,916	\$0	\$472,364
2023	\$83,500	\$0				\$14,171	\$403,035
2024	\$83,500	\$0				\$12,091	\$331,626
2025	\$83,500	\$0				\$9,949	\$258,075
2026	\$83,500	\$0				\$7,742	\$182,317
2027	\$83,500	\$0				\$5,470	\$104,287
2028	\$83,500	\$0				\$3,129	\$23,915
2029	\$24,633	\$0				\$717	\$0

City of Thorold
FIRE STATION 2022 - SCBA

Total Capital Costs Estimated	2022 Budget	\$750,000
Actual		\$732,971

Financing Proposal: INTERNAL FINANCING

Year	Funding Provision	DC	Capital Costs	Reserves	Interest	Balance to be funded
2022	\$48,000	\$87,092	\$732,971	\$100,000	\$0	\$497,879
2023	\$95,000				\$14,936	\$417,815
2024	\$95,000				\$12,534	\$335,349
2025	\$95,000				\$10,060	\$250,410
2026	\$95,000				\$7,512	\$162,922
2027	\$95,000				\$4,888	\$72,810
2028	\$74,994				\$2,184	\$0

City of Thorold
FIRE STATION 1 CONSTRUCTION

Total Capital Costs Estimated

2022 budget	\$12,870,000
2022 adjustment	-\$949,409
	<u>\$11,920,591</u>

Financing Proposal: INTERNAL FINANCING

Year	Funding Provision	Current Development Charges	Future Development Charges + interest	Capital Costs	Other	Interest General	Interest DC	Balance to be funded
total	\$4,460,470	\$1,272,279	\$5,687,842	\$11,920,591	\$500,000			\$0
2022	\$278,844	\$165,087		\$1,546,784		\$0		\$1,102,852
2023	\$260,650	\$763,367		\$7,152,355		\$0		\$7,231,189
2024	\$260,650	\$343,824		\$3,221,453	\$500,000	\$0		\$9,348,168
2025	\$260,650		\$400,000			\$137,262	\$213,294	\$9,038,074
2026	\$260,650		\$400,000			\$132,635	\$206,293	\$8,716,352
2027	\$260,650		\$400,000			\$127,835	\$199,029	\$8,382,565
2028	\$260,650		\$400,000			\$122,854	\$191,492	\$8,036,261
2029	\$260,650		\$400,000			\$117,687	\$183,673	\$7,676,971
2030	\$260,650		\$400,000			\$112,326	\$175,561	\$7,304,208
2031	\$260,650		\$400,000			\$106,763	\$167,144	\$6,917,466
2032	\$260,650		\$400,000			\$100,993	\$158,412	\$6,516,220
2033	\$260,650		\$400,000			\$95,006	\$149,353	\$6,099,929
2034	\$260,650		\$400,000			\$88,794	\$139,953	\$5,668,026
2035	\$260,650		\$400,000			\$82,349	\$130,202	\$5,219,927
2036	\$260,650		\$400,000			\$75,663	\$120,084	\$4,755,024
2037	\$260,650		\$400,000			\$68,726	\$109,587	\$4,272,688
2038	\$260,650		\$400,000			\$61,529	\$98,697	\$3,772,263
2039	\$260,650		\$400,000			\$54,062	\$87,398	\$3,253,073
2040	\$260,650		\$400,000			\$46,315	\$75,676	\$2,714,414
2041	\$260,650		\$400,000			\$38,277	\$63,513	\$2,155,554
2042	\$260,650		\$400,000			\$29,938	\$50,895	\$1,575,737
2043	\$260,650		\$400,000			\$21,286	\$37,804	\$974,178
2044	\$260,650		\$400,000			\$12,310	\$24,221	\$350,059
2045	\$72,818		\$290,368			\$2,998	\$10,130	\$0

City of Thorold
OPERATIONS CENTRE RENOVATION DESIGN

Total Capital Costs Estimated	2021	\$247,600
	2022	\$192,000
		<u>\$439,600</u>

Actual \$422,942

Financing Proposal: INTERNAL FINANCING

Year	Funding Provision	Development Charges	Reserve	Capital Costs	Interest	Balance to be funded
2021	\$133,917		\$9,416	\$247,600		\$104,267
2022	\$210,483	\$0		\$175,342		\$69,126
2023	\$71,200				\$2,074	\$0

City of Thorold
OPERATIONS CENTRE RENOVATION CONSTRUCTION

Total Capital Costs Estimated

2022 Budget	\$8,525,000
2022 Adjustment	\$3,747,300
2023 Adjustment*	\$192,000
	<u>\$12,464,300</u>

*original proposed funding transfer from design not available

Financing Proposal: INTERNAL FINANCING

Year	Funding Provision	Current Development Charges	Future Development Charges	Water & Sewer Reserve	Capital Costs	Interest General	Interest DC	Balance to be funded
	\$123,060	\$810,000	\$3,776,526	\$4,493,000	\$12,459,300			\$3,256,714
2022	\$0	\$254,121		\$1,409,587	\$3,908,850			\$2,245,143
2023	\$139,283	\$555,879		\$3,083,413	\$8,550,450			\$7,017,017
2024	\$210,483					\$116,904	\$141,620	\$7,065,057
2025	\$210,483		\$250,000			\$113,394	\$141,620	\$6,859,589
2026	\$210,483		\$250,000			\$109,754	\$137,555	\$6,646,415
2027	\$210,483		\$250,000			\$105,976	\$133,339	\$6,425,247
2028	\$210,483		\$250,000			\$102,057	\$128,964	\$6,195,785
2029	\$210,483		\$250,000			\$97,991	\$124,425	\$5,957,718
2030	\$210,483		\$250,000			\$93,773	\$119,716	\$5,710,724
2031	\$210,483		\$250,000			\$89,396	\$114,830	\$5,454,468
2032	\$210,483		\$250,000			\$84,855	\$109,762	\$5,188,602
2033	\$210,483		\$250,000			\$80,144	\$104,503	\$4,912,766
2034	\$210,483		\$250,000			\$75,257	\$99,046	\$4,626,586
2035	\$210,483		\$250,000			\$70,186	\$93,386	\$4,329,675
2036	\$210,483		\$250,000			\$64,925	\$87,513	\$4,021,629
2037	\$210,483		\$250,000			\$59,466	\$81,419	\$3,702,032
2038	\$210,483		\$250,000			\$53,803	\$75,098	\$3,370,450
2039	\$210,483		\$250,000			\$47,928	\$68,539	\$3,026,433
2040	\$210,483		\$250,000			\$41,832	\$61,734	\$2,669,516
2041	\$210,483		\$250,000			\$35,507	\$54,674	\$2,299,214
2042	\$210,483		\$250,000			\$28,946	\$47,349	\$1,915,026
2043	\$210,483		\$250,000			\$22,138	\$39,750	\$1,516,431
2044	\$210,483		\$250,000			\$15,075	\$31,866	\$1,102,889
2045	\$210,483		\$250,000			\$7,747	\$23,686	\$673,839
2046	\$3,860		\$250,000			\$0	\$15,199	\$435,177
2047			\$250,000				\$6,394	\$191,571
2048			\$191,571					\$0