

TOWN OF COBOURG
CAPITAL BUDGET 2021 - 2023

PUBLIC WORKS

PROJECT DESCRIPTION	2021 CAPITAL BUDGET			2022		2023	
	TOTAL COST	REVENUE	NET COST	TOTAL	NET	TOTAL	NET
Engineering							
Bi-Annual Sidewalk Program	200,000	-200,000	0	0	0	200,000	200,000
Terry Fox SWM Pond Rehabilitation	525,000	-525,000	0	0	0	0	0
Bridge and Culvert Improvements	860,000	-860,000	0	100,000	100,000	1,000,000	1,000,000
Wood Boardwalk Replacement	30,000	-30,000	0	0	0	0	0
Sanitary Sewer Rehabilitation	1,000,000	-1,000,000	0	1,000,000	0	1,000,000	0
Albert Street Reconstruction	785,000	-785,000	0	0	0	0	0
Harden Street Sanitary Rehabilitation	750,000	-750,000	0	0	0	0	0
Blake, Victoria, Burke Reconstruction	100,000	-100,000	0	1,500,000	1,500,000	0	0
King St West Reconstruction	150,000	-150,000	0	2,300,000	2,300,000	0	0
King St W Structural Culvert Replacement	0	0	0	110,000	18,700	1,382,975	230,957
Traffic Control Measures - Various Sites	0	0	0	15,000	15,000	50,000	50,000
Walton St/Munroe St Reconstruction	0	0	0	140,000	140,000	2,100,000	2,100,000
Read St / Otto Drive SWM Pond Rehabilitation	0	0	0	35,000	35,000	100,000	100,000
Perry / Green St Reconstruction	0	0	0	0	0	120,000	120,000
Spencer St West Reconstruction	0	0	0	0	0	500,000	500,000
Subtotal Engineering	4,400,000	-4,400,000	0	5,200,000	4,108,700	6,452,975	4,300,957

TOWN OF COBOURG
CAPITAL BUDGET 2021 - 2023

PUBLIC WORKS

PROJECT DESCRIPTION	2021 CAPITAL BUDGET			2022		2023	
	TOTAL COST	REVENUE	NET COST	TOTAL	NET	TOTAL	NET
Road / Sewers							
Traffic Signal Intersection Upgrade	75,000	-75,000	0	65,000	0	65,000	0
Street Light Replacement Program	355,000	-355,000	0	355,000	0	355,000	0
Downtown Streetlights	500,000	-500,000	0	0	0	0	0
Paver Stones - Downtown Area	300,000	-300,000	0	0	0	0	0
Annual Pavement Resurfacing	0	0	0	600,000	0	0	0
Replace Snow Plow / Dump Truck	315,000	-315,000	0	0	0	0	0
Replace Sidewalk Machine	185,000	-185,000	0	0	0	0	0
Replace 4 x 4 Half Ton Pick Up	88,000	-88,000	0	0	0	0	0
Replace Street Sweeper	0	0	0	415,000	0	0	0
Replace Brush Chipper	0	0	0	100,000	0	0	0
One Ton Truck	0	0	0	0	0	85,000	0
Subtotal Roads / Sewers	1,818,000	-1,818,000	0	1,535,000	0	505,000	0
Parking							
Pay & Display	21,600	-21,600	0	0	0	0	0
Subtotal Parking	21,600	-21,600	0	0	0	0	0
Transit							
Transit Shelters	15,000	-15,000	0	15,000	0	15,000	0
Transit Vehicle Replacement	0	0	0	200,000	0	0	0
Subtotal Transit	15,000	-15,000	0	215,000	0	15,000	0
Total Operations	6,254,600	-6,254,600	0	6,950,000	4,108,700	6,972,975	4,300,957

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: New sidewalks are to be constructed as per the Town's Official Plan and Transportation Master Plan. The new Sidewalk Priority Plan is used to determine priority. Residents are notified well in advance of construction. Sidewalks are anticipated to be constructed on Abbott Boulevard in 2021 (Deferred from 2020 due to COVID). The design and tender has been completed by Town staff and will be constructed by a contractor. Expecting to be tendered late 2020 and awarded subject to Council approval. Larger contracts draw more competitive bids and is less of a burden on staff resources to tender a contract every other year. Public Consultation Process Yes																																																										
DEPARTMENT: Engineering																																																											
1. PROJECT NAME & DESCRIPTION Bi-Annual Sidewalk Program																																																											
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:																																																										
2020 Budget Approval - \$200,000	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;"></th><th style="width: 33%; text-align: center;">2021</th><th style="width: 33%; text-align: center;">2022</th><th style="width: 33%; text-align: center;">2023</th></tr> </thead> <tbody> <tr> <td>5. EXPENDITURES</td><td></td><td></td><td></td></tr> <tr> <td>CONTRACTUAL</td><td style="text-align: right;">200,000</td><td></td><td style="text-align: right;">200,000</td></tr> <tr> <td>CAPS BASED ON \$</td><td></td><td></td><td></td></tr> <tr> <td>DIRECT REVENUES</td><td></td><td></td><td></td></tr> <tr> <td>GRANTS & SUBSIDIES - Federal Gas Tax</td><td style="text-align: right; color: red;">-200,000</td><td></td><td></td></tr> <tr> <td>OTHER</td><td></td><td></td><td></td></tr> <tr> <td>6. NET REQUIREMENTS:</td><td style="text-align: right;">0</td><td style="text-align: right;">0</td><td style="text-align: right;">200,000</td></tr> <tr> <td>TO BE FINANCED FROM:</td><td></td><td></td><td></td></tr> <tr> <td>DEBENTURES</td><td></td><td></td><td></td></tr> <tr> <td>OWNERS</td><td></td><td></td><td></td></tr> <tr> <td>RESERVES</td><td></td><td></td><td></td></tr> <tr> <td>OTHER</td><td></td><td></td><td></td></tr> <tr> <td>7. ANNUAL TAX REQUIREMENT</td><td style="text-align: right;">0</td><td style="text-align: right;">0</td><td style="text-align: right;">200,000</td></tr> </tbody> </table>				2021	2022	2023	5. EXPENDITURES				CONTRACTUAL	200,000		200,000	CAPS BASED ON \$				DIRECT REVENUES				GRANTS & SUBSIDIES - Federal Gas Tax	-200,000			OTHER				6. NET REQUIREMENTS:	0	0	200,000	TO BE FINANCED FROM:				DEBENTURES				OWNERS				RESERVES				OTHER				7. ANNUAL TAX REQUIREMENT	0	0	200,000
	2021	2022	2023																																																								
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RESERVES																																																											
OTHER																																																											
7. ANNUAL TAX REQUIREMENT	0	0	200,000																																																								

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: The SWM pond at the south end of Tillison Ave in the Terry Fox subdivision did not function properly during the extreme rainfall event in July 2017. The pond was surveyed in 2019 to determine the scope of work to bring the pond back up to its design functionally. The pond is 30 years old and has not been cleaned out or had any maintenance conducted to date. The project was previously tendered in 2020. Two bids were received and were over the \$350k budget. Minor repairs added to contract based on SWM Pond Needs Assessment study completed in late 2020. Read/Otto, Burnham and Chris Garrett ponds. Total project cost will be \$525k including design and construction. Public Consultation Process No		
DEPARTMENT: Engineering			
1. PROJECT NAME & DESCRIPTION Terry Fox Stormwater Management Pond Rehabilitation			
2. COMMITMENTS MADE: 202 Budget Approval - \$350,000	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES - Federal Gas Tax OTHER	525,000 -175,000		
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES OTHER	350,000 -350,000	0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: 2018 OSIM report recommended follow-up inspections on several major culverts and as a result, a list of priorities has been received with cost estimates. In 2019, \$250k was approved for the Elgin Street culvert widening however funds were insufficient for the construction and only the design was completed. In 2020, \$325k was approved for Elgin St culvert and included Buck, Covert, Park; and deck repairs to University Ave (Deferred due to COVID). During 2020 OSIM inspection another deficiency was noted at Danforth Rd culvert which will be added to the scope of work. Large contracts receive more competitive bids. Total project cost is \$860k including design and construction. Public Consultation Process No		
DEPARTMENT: Engineering			
1. PROJECT NAME & DESCRIPTION Bridge and Culvert Improvements			
2. COMMITMENTS MADE: 2020 - Budget Approval - \$325,000 2022 - Budget is design for William St bridge sidewalk widening 2023 - Construction of William St bridge sidewalk widening	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES - Federal Gas Tax OTHER	860,000	100,000	1,000,000
	-860,000		
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES OTHER	0	100,000	1,000,000
7. ANNUAL TAX REQUIREMENT	0	100,000	1,000,000

TOWN OF COBOURG

CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION:		
DEPARTMENT: Engineering	<p>The existing wood boardwalk between Hibernia St and Ontario St with connections to Bagot St and Durham St is in very poor condition and in need of full replacement. 2021 budget is for the design of a new boardwalk, which will review; anchored or floating systems; material type, accessibility requirements; lighting; seating areas; rail system; public meeting; consultation with various committees; presentation to Council; preparation of tender. Construction costs for 2022 will vary depending on construction materials and scope of work determined throughout design process.</p> <p>Public Consultation Process Yes</p>		
1. PROJECT NAME & DESCRIPTION Wood Boardwalk Replacement			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES - Federal Gas Tax OTHER	30,000		
	-30,000		
6. NET REQUIREMENTS:	0	0	0
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES OTHER			
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: In 2019, budget approved to annually study the sanitary sewers in floodplain areas to identify breaks and estimate costs for design and construction of repairs. The goal is to reduce groundwater inflow and infiltration and subsequently reduce the cost of processing clean groundwater at the WPCP. Public consultation will only be required if proposed work impacts private services. This budget item will also include the water tight maintenance hole covers. PW staff is completing the annual sewer camera investigations for the prep of annual tenders by a Consultant. 2021 will be the first year of an annual sub-surface sewer repair program. Public Consultation Process Yes		
DEPARTMENT: Engineering			
1. PROJECT NAME & DESCRIPTION Sanitary Sewer Rehabilitation			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER	1,000,000	1,000,000	1,000,000
6. NET REQUIREMENTS:	1,000,000	1,000,000	1,000,000
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sanitary Sewer OTHER	-1,000,000	-1,000,000	-1,000,000
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION:		
DEPARTMENT: Engineering	<p>Albert Street from Hibernia Street to Third Street requires urbanizing, sanitary and storm sewers to be replaced. Albert Street was ranked as the highest priority in the Town's asset management plan due to the condition of the sanitary sewer and material of the watermain. This is a joint project with LUSI and the tender was prepared in 2020. The previous 2020 budget construction was \$650k. A higher contingency has been added to the budget to allow for the increase in construction costs seen recently due to COVID.</p> <p>Public Consultation Process Yes</p>		
1. PROJECT NAME & DESCRIPTION Albert Street Reconstruction			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES - Federal Gas Tax OTHER	785,000 -705,000		
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sanitary Sewer OTHER	80,000 -80,000	0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: This project is being driven by watermain replacement requirements on Harden Street between Burnham and Sinclair, Harden Crescent, and Sinclair Street south of Harden Street. Sanitary Sewer was installed in the 1950's and is in poor condition. LUSI tendered this watermain work in 2018 and all bids were over budget. The sewer should be replaced at the same time as the watermain in order to cost share construction expenses with LUSI. The previous approved budget was \$719,736. A higher contingency has been added due to increased construction costs seen recently due to COVID. Public Consultation Process Yes		
DEPARTMENT: GIS			
1. PROJECT NAME & DESCRIPTION Harden Street, Harden Cresc., Sinclair St Sanitary Sewer Rehabilitation			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL 750,000 CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES - Federal Gas Tax (Storm portion) -50,000 OTHER			
6. NET REQUIREMENTS: 700,000 TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sanitary Sewer -700,000 OTHER		0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION:		
DEPARTMENT: Engineering	<p>This project is a continuation of the Mathew Street project constructed in 2020. Burke, Blake and Victoria have sanitary, storm and watermain deficiencies. LUSI regularly flushes the watermain in response to complaints; sanitary sewer is vitrified clay (VC) constructed in the early 1950's and the storm sewer is undersized (too small diameter of pipe). Asset Management data supports the need for replacement of sanitary and watermain. The 2022 budget is an estimated construction cost.</p> <p>Public Consultation Process Yes</p>		
1. PROJECT NAME & DESCRIPTION Burke, Blake, Victoria St Reconstruction			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES - Federal Gas Tax OTHER	100,000 -100,000	1,500,000	
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES OTHER	0	1,500,000	0
7. ANNUAL TAX REQUIREMENT	0	1,500,000	0

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: King Street West, from Burnham St to William St is experiencing frequent watermain breaks and ranks high in the Asset Management model that evaluates road, watermain and sanitary sewer condition. The existing watermain is heavily corroded (mineral build up) that results in reduced flows. It has yet to be determined if a full reconstruction is required but the storm sewers, sanitary sewers and road were built in ~1960. Investigations will need to be completed in 2021 to understand the extent of the works required. 2022 budget is an estimated construction budget. This is a joint project with LUSI and cost sharing of restoration would be applied. Public Consultation Process Yes		
DEPARTMENT: Engineering			
1. PROJECT NAME & DESCRIPTION King Street West Reconstruction			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES - Federal Gas Tax OTHER	150,000	2,300,000	
	-120,000		
6. NET REQUIREMENTS:	30,000	2,300,000	0
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sanitary Sewer OTHER	-30,000		
7. ANNUAL TAX REQUIREMENT	0	2,300,000	0

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: 2018 Ontario Structure Inspection Manual (OSIM) reports recommended follow-up inspections on several major culverts and as a result, a list of priorities has been compiled with cost estimates. The ICIP Bridge stream of funding opened up and since we had a readily available list of priorities and estimates, we were able to quickly pull together a strong application and were successful in receiving 83% of almost \$1.4M to replace the aging structure. The culvert is a 3.8m wide x 1.8m high steel multi-plate structure and is the only access to the Pebble Beach area. Design will begin in 2022 for construction in 2023. Public Consultation Process Yes		
DEPARTMENT: Engineering			
1. PROJECT NAME & DESCRIPTION King Street West Structural Culvert Replacement			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES			
CONTRACTUAL		110,000	1,382,975
CAPS BASED ON \$			
DIRECT REVENUES			
GRANTS & SUBSIDIES - ICIP Rural and Northern Stream		-91,300	-1,152,018
OTHER			
6. NET REQUIREMENTS:	0	18,700	230,957
TO BE FINANCED FROM:			
DEBENTURES			
OWNERS			
RESERVES			
OTHER			
7. ANNUAL TAX REQUIREMENT	0	18,700	230,957

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Due to increased vehicular and pedestrian traffic, the 2022 budget item is to complete reviews (warrants) at three sites for the addition or alteration of traffic control devices. A transportation consultant will be engaged to conduct a warrant study at D'Arcy Street/University Ave and Elgin St/D'Arcy Street; and review if alterations or signals and additional left turn lanes are required at Brook Rd/King St. East. As Brook Road and Elgin Street are County roads, the County will be included in the design process. Cobourg owns the signals at Brook Rd. Proposed Elgin/D'Arcy signals DC funding eligible. 2023 budget for design work. Public Consultation Process No		
DEPARTMENT: Engineering			
1. PROJECT NAME & DESCRIPTION Traffic Control Measures - Various Sites	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
2. COMMITMENTS MADE:	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER		15,000	50,000
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES OTHER	0	15,000	50,000
7. ANNUAL TAX REQUIREMENT	0	15,000	50,000

TOWN OF COBOURG

CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION:		
DEPARTMENT: Engineering	<p>The sanitary sewer and watermain on Munroe Street east of No Frills and south of Walton Street to Chapel Street have been identified as priorities on the Town's asset management plan. The sewer was installed in the 1940's and is a vitrified clay material which becomes brittle with age. The watermain is estimated to have been installed in the 1930's, is undersized, cast iron and breaks frequently. Design will begin in 2022 with construction in 2023.</p> <p>Public Consultation Process Yes</p>		
1. PROJECT NAME & DESCRIPTION Walton Street and Munroe Street Reconstruction			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER	0	140,000	2,100,000
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES OTHER	0	140,000	2,100,000
7. ANNUAL TAX REQUIREMENT	0	140,000	2,100,000

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: A Storm Water Management (SWM) pond inventory and capital needs assessment study was completed in 2020. The report provides details such as timing of maintenance activities and indicates 2023 for maintenance (cleanout). The 2022 budget is for the site work, design and preparation of a tender. The estimated construction cost is identified as a 2023 budget item. <div style="display: flex; justify-content: space-between;"> Public Consultation Process Yes </div>		
DEPARTMENT: Engineering			
1. PROJECT NAME & DESCRIPTION Read St / Otto Drive SWM Pond Rehabilitation			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER		35,000	100,000
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES OTHER	0	35,000	100,000
7. ANNUAL TAX REQUIREMENT	0	35,000	100,000

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Perry Street from Church to D'Arcy as well as Green Street from Queen to Bay have been identified as high priorities for sewer and watermain replacement in the Town's asset management plan. The sewer was installed in the 1940's and 50's and is a vitrified clay material that becomes brittle over time and is prone to breakage. The watermain is estimated to have been installed in the 1930's and is an undersized cast iron pipe that has had several breaks. 2023 budget allows for topographic survey, geotechnical investigation, property boundary information, public meeting, design, and tender preparation for the project. Construction would be anticipated for 2024. Public Consultation Process Yes		
DEPARTMENT: Engineering			
1. PROJECT NAME & DESCRIPTION Perry Street and Green Street Reconstruction			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER			120,000
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES OTHER	0	0	120,000
7. ANNUAL TAX REQUIREMENT	0	0	120,000

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Spencer Street West, from east of George Street to Division Street is one of the remaining non-urbanized roads in the downtown area. The cast iron watermain and vitrified clay sanitary were installed in the late 1940's and there is limited existing storm sewer. The design has been completed for this project and budget for 2023 is an estimated construction cost. Public Consultation Process Yes		
DEPARTMENT: Engineering			
1. PROJECT NAME & DESCRIPTION Spencer St West Reconstruction			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER			500,000
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES OTHER	0	0	500,000
7. ANNUAL TAX REQUIREMENT	0	0	500,000

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION:		
DEPARTMENT: Roads/Sewer	<p>The Town's traffic signals are aging and do not all comply with current standards. Similar to the building code, as we start to replace major components such as power supplies and control cabinets, we should also be bringing the rest of the intersection up to date at the same time including Accessible Pedestrian Signals (APS) if possible.</p> <p>2021 additional \$25k to share 50% cost with County for APS at Elgin/Burnham & Elgin/Division (already completed). AAC will contribute to decision for next intersection priority. Subsequent years have budgeted additional \$15,000 annually for APS at County intersections.</p> <p>Public Consultation Process No</p>		
1. PROJECT NAME & DESCRIPTION Traffic Signal Intersection Upgrade			
2. COMMITMENTS MADE: 2020 Budget Approval - \$50,000 (deferred no work completed)	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES			
CONTRACTUAL	75,000	65,000	65,000
CAPS BASED ON \$			
DIRECT REVENUES			
GRANTS & SUBSIDIES - Federal Gas Tax	-75,000	-65,000	-65,000
OTHER			
6. NET REQUIREMENTS:	0	0	0
TO BE FINANCED FROM:			
DEBENTURES			
OWNERS			
RESERVES			
OTHER			
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Street Lights are beginning to fail and there are no more induction lamp replacements available. The Town will be switching to LED lamps which requires all fixtures to be replaced as well as lamps. Maintenance contract for lamp replacement was tendered in 2019 to renew failing light posts and replace induction fixtures with LED. Estimated replacement schedule: Year 1 - 3 - Failing post replacement - 120/-200 cobra heads / -50 decorative Year 4 - 9 - 300 cobra heads / 108 decorative Fixtures will only be replaced when lamps burn out. Public Consultation Process No		
DEPARTMENT: Roads/Sewer			
1. PROJECT NAME & DESCRIPTION Annual Street Light Replacement Program			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER	355,000	355,000	355,000
6. NET REQUIREMENTS:	355,000	355,000	355,000
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES OTHER	-355,000	-355,000	-355,000
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION:		
DEPARTMENT: Roads/Sewer	<p>The downtown heritage streetlights are reaching the end of life. Several lights are burnt out already and similar to the rest of town, there are no replacements for the induction style fixtures. A new heritage style light fixture is required to be chosen. Council decision will be required to replace all downtown lights at one time or on an as needed basis. Banners and basket pole loading accessories are also to be considered as currently they are too large for the existing poles. Several options to be provided. Range of costs are \$200,000 - \$1,200,000.</p> <p>Public Consultation Process No</p>		
1. PROJECT NAME & DESCRIPTION Downtown Streetlights			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER	500,000		
6. NET REQUIREMENTS:	500,000	0	0
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES OTHER	-500,000		
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG

CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Pavers underneath the hanging flower baskets and in the downtown areas are sinking due to water draining from baskets and age. In 2020 we spent \$50,000 and did 15% of the work. Will require up to an additional \$300,000 to complete all repairs on King Street, Second Street, Third Street and others. Approximately 3,852 m2 of pavers. Public Consultation Process No		
DEPARTMENT: Roads/Sewer			
1. PROJECT NAME & DESCRIPTION Paver Stones - Downtown Area			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES - Federal Gas Tax OTHER	300,000 -300,000		
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES OTHER	0	0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION:		
DEPARTMENT: Roads/Sewer	Resurface road sections based on condition assessments and underground infrastructure age and condition.		
1. PROJECT NAME & DESCRIPTION Bi-Annual Pavement Resurfacing	Resurfacing involves removing all or grinding down the existing asphalt and repaving. Resurfacing is considered a road rehabilitation that extends the lifecycle of the asphalt in accordance with the Town's asset management plan. Larger contracts draw more competitive bids and is less of a burden on staff resources to tender a contract every other year.		
	Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES - Federal Gas Tax OTHER		600,000 -600,000	
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES OTHER	0	0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2021 - 2023**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Replacement of Unit #24-09, single axle combination snow plow / dump truck. Replacement as per vehicle replacement bylaw. <div style="display: flex; justify-content: space-between;"> Public Consultation Process No </div>		
DEPARTMENT: Roads/Sewer			
1. PROJECT NAME & DESCRIPTION Replace Combination Snow Plow / Dump Truck			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES <div style="margin-left: 20px;"> CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER </div>	315,000		
6. NET REQUIREMENTS: TO BE FINANCED FROM: <div style="margin-left: 20px;"> DEBENTURES OWNERS RESERVES - Vehicle Replacement OTHER </div>	315,000	0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Replacement of unit #21-09 Sidewalk Machine as per the vehicle replacement By-law. The sidewalk machine is used year round as there are a variety of attachments eg snow plow blade, snow blower, sidewalk sander, mechanical broom with water tank and boom flail mower for roadside grass cutting. Public Consultation Process No		
DEPARTMENT: Roads/Sewer			
1. PROJECT NAME & DESCRIPTION Replace Sidewalk Machine			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER	185,000		
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Vehicle Replacement OTHER	185,000 -185,000	0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Replacement of units #07-12 and #08-12, 4 x 4 half ton pickup truck as per vehicle replacement By-law. Half ton trucks are typically replaced every 9 years. Public Consultation Process No		
DEPARTMENT: Roads/Sewer			
1. PROJECT NAME & DESCRIPTION Replace 4 x 4 Half Ton Pickup Truck (2)			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER	88,000		
6. NET REQUIREMENTS:	88,000	0	0
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Vehicle Replacement OTHER	-88,000		
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2021 - 2023**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Replacement of unit #36-13 Street Sweeper as per vehicle replacement By-law. Current street sweeper is a 2013 model year but was put in service in 2012. Sweepers are typically replaced every 10 years. Public Consultation Process No		
DEPARTMENT: Roads/Sewer			
1. PROJECT NAME & DESCRIPTION Replace Street Sweeper			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER		415,000	
6. NET REQUIREMENTS:	0	415,000	0
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Vehicle Replacement OTHER		-415,000	
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Replacement of unit 34-13 Brush Chipper as per vehicle replacement By-law. Chippers are typically replaced every 9 years.		
DEPARTMENT: Roads/Sewer			
1. PROJECT NAME & DESCRIPTION Replace Brush Chipper	Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER		100,000	
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Vehicle Replacement OTHER	0	100,000 -100,000	0
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Replacing Unit #13-05 which has been kept past its original replacement date and was taken out of service June 2020. Unit #13-05 has been in service for 15 years and has reached the end of its useful life. The aged vehicle requires constant maintenance and it has become increasingly difficult to ensure road worthiness. Public Consultation Process No		
DEPARTMENT: Roads/Sewer			
1. PROJECT NAME & DESCRIPTION New One Ton Truck			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER			85,000
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Vehicle Replacement OTHER	0	0	85,000
			-85,000
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Install 1 pay & display machine on Third St South of Albert Install 1 pay & display machine on King St E of Division on the north side Install 1 pay & display machine on King St E of Division on the south side Each machine is approx \$7,200 including tax, supply, delivery and installation Public Consultation Process No		
DEPARTMENT: Parking			
1. PROJECT NAME & DESCRIPTION Pay & Display - replacing parking meters			
2. COMMITMENTS MADE:			
	4. EFFECTS ON FUTURE OPERATING BUDGETS: Increase in bank service fees.		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER	21,600		
6. NET REQUIREMENTS:	21,600	0	0
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Parking OTHER	-21,600		
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG
CAPITAL BUDGET 2021 - 2023

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Construct two new transit shelters every year at existing bus stops that currently do not have shelters. <div style="display: flex; justify-content: space-between;"> Public Consultation Process No </div>		
DEPARTMENT: Transit			
1. PROJECT NAME & DESCRIPTION Transit Shelters			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES - Federal Gas Tax OTHER	15,000	15,000	15,000
	-15,000	-15,000	-15,000
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES OTHER	0	0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

5 YEAR CAPITAL BUDGET JUSTIFICATION

DIVISION:	Public Works		
DEPARTMENT:	Transit		
1. PROJECT NAME & DESCRIPTION			
Transit Vehicle Replacements	<p>Following a 12 month on demand transit pilot study, the end result will indicate what type and size of transit vehicle will be required to keep up with ridership demand. Through the ICIP Transit Stream funding, the Town was successful in securing 73.33% funding for two conventional buses valued at \$460k each and one back up Wheels bus valued at \$160k. Should the on demand pilot be successful, the Town will apply to reallocate funds to purchase smaller vehicles starting in 2022.</p> <p>Public Consultation Process No</p>		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2021	2022	2023
5. EXPENDITURES			
CONTRACTUAL		200,000	
CAPS BASED ON \$			
DIRECT REVENUES			
GRANTS & SUBSIDIES - ICIP Funding		-146,660	
OTHER			
6. NET REQUIREMENTS:	0	53,340	0
TO BE FINANCED FROM:			
DEBENTURES			
OWNERS			
RESERVES - Vehicle Replacement		-53,340	
OTHER			
7. ANNUAL TAX REQUIREMENT	0	0	0