

DRAFT TAX SUPPORTED
**CAPITAL BUDGET &
FORECAST**
2022 - 2031





2022 Tax Supported Capital Budget and Forecast

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HALDIMAND COUNTY

Chief Financial Officer Report

2022 Tax Supported Capital Budget and Forecast

For Consideration by Committee of the Whole on March 3, 2022



Message from the Chief Financial Officer

Mayor and Members of the Council,

The adoption of a municipalities' annual budgets is one of the most important strategic documents that Council reviews to ensure affordable, reliable and safe provision of services to its taxpayers and the public at large. This document presents the 2022 Tax Supported Capital Budget and Forecast, outlining the proposed tax supported capital infrastructure requirements for the period 2022 to 2031 inclusively. All capital projects included in this document are funded from municipal contributions to capital replacement reserves from the annual tax levy. Water and wastewater capital projects are funded entirely from users of water/wastewater systems and were included in the Rate Supported Capital and Operating Budget approved January 13, 2022.

The 2022 Tax Supported Capital Budget and Forecast has been developed on the following fundamental principles:

- **Focus on Sustainability:** One of the key principles to sustainability is to ensure the County maintains its infrastructure to ensure safe and reliable services. The County has developed asset management plans and conducted condition assessments to plan the timely replacement of existing infrastructure. Pro-active maintenance plans, specific to various types of infrastructure, ensure the assets meet anticipated performance measures and maximize their useful life. Financial principles to ensure services are affordable and meet public expectations include: a dedicated capital levy to meet targeted capital related expenditures; capital replacement reserve fund principles to ensure adequate capital reserves are in place for planned replacements and growth related infrastructure needs (“pay as you go”).
- **Protect against Vulnerability:** Principles have been adopted to assist the County’s ability to address vulnerability to external sources of funding or exposure to costs beyond Council’s control. The County has developed a Local Service Policy and Development Charge by-law to ensure “growth pays for growth”. The County also maximizes external revenues or grants from upper levels of Government to ensure full cost recovery of the capital cost associated with the underlying service.
- **Maintain Flexibility:** It is also critical to have the flexibility to limit tax levy increases while responsibly issuing debt without impacting service levels or credit rating. The County has established annual debt repayment limits to ensure there is the ability to utilize debt in a planned approach while maintaining the flexibility to issue additional debt for unforeseen capital costs and future opportunities.

Integral to any capital replacement plan is the underlying long term financial plan. This plan is critical to ensure that funds are set aside each year so when it comes time for replacement of infrastructure the required financing is available. This strategic plan is predicated on collaborative and systematic approaches to timely replacement of infrastructure. Any deviations from this strategy can adversely impact the financing plan or the timely and cost efficient replacement of infrastructure, such as:

- **Acceleration** of planned replacements, not consistent with underlying evaluation principles;
- **Adding** projects not previously contemplated in the current year’s budget or forecast;
- Changing the **scope** of a planned replacement, thereby increasing the anticipated costs;
- **Deviating** from the underlying warrants/principles to support a planned replacement/new infrastructure that is not consistent with established standards.

It is imperative to review/approve the Capital Budget and Forecast in advance or in conjunction with the relative operating budget to gain a firm understanding of the impacts of the anticipated capital program on the tax supported operations of the municipality. Staff has included Appendix F to this document to illustrate the tax supported operational impacts of the proposed new initiatives included in the capital program for 2022.

Key Financial Messages – 2022 Tax Supported Capital Budget and Forecast

In recent years the County has deliberately increased its investment in capital in order to ensure its existing municipal infrastructure is renewed, that new facilities desired by the community are added and that there is a sustainable funding plan in place to ensure the long term tax impacts are minimized as replacement occurs. In total, the overall tax supported capital plan includes approximately \$35 million in spending in 2022 and \$310 million over the 10 year period.

The 2022 Tax Supported Capital Budget and Forecast is fiscally responsible and based on sound financial principles. There are significant investments in rehabilitation/replacement of infrastructure and provisions for growth while maintaining the integrity of the current infrastructure and services it supports.

The 2022-2031 capital program results in the following:

- A predictable annual tax levy impact of 1.0% and sustained capital-related spending, anticipated to be fully funded from additional tax revenues from increased assessment/new growth – it should be noted that there are funding impacts/concerns in years beyond 2027;
- Unlike previous years, a Predictable and Dedicated commitment from the Provincial government to continue the Ontario Community Investment Fund (OCIF) into the future, with a substantial increase starting in 2022;
- A comprehensive capital program that provides for:
 - A major road reconstruction program co-ordinated with underground services and utilities totaling approximately \$7 million over the forecast period;
 - Hot mix resurfacing program responsible for maintaining paved rural and arterial urban roads program remains relatively unchanged to support the revised 20 year paving cycle;
 - A new steel-beam guideline replacement program to address changing Provincial standards and risk management, totalling \$ 4 million over the forecast period;
 - Urban paving program responsible for maintaining all local urban roads, coordinating replacement of all curb and sidewalks adjacent to roadway
 - The acceleration of gravel road conversion to hard surface by 2025 with the bulk of the remaining work occurring in 2022-2023. As Gravel roads are converted, funds required for this program are redirected to fund the surface treatment program in future
 - The bridge inspection and replacement program of the 266 bridges/culverts and a retaining wall program needs of approximately \$5 million increase over the 10 year forecast.
 - A comprehensive program for Municipal Drain maintenance that results in the clean out activities every 10 years for all 84 municipal drains
 - A building and facility inspection program and capital funding that will ensure all municipal facilities are kept in good condition thereby maximizing the County's investment in these important amenities.
 - The acceleration/addition of the above noted programs has had the following impacts: shifting projects to future years, shifting annual funding between various capital replacement reserves, and delaying projects based on condition/risk factors.
 - Inclusion of key infrastructure to address tax related growth including \$5.9 million to develop an arterial roadway in Caledonia, \$1.3 million towards Argyle Street Bridge upgrades, \$7.1 million for a Roads Operations Service Model Review and Implementation to address growth related needs and ensure efficient service delivery, \$5.2 million for a new combined firehall/ambulance base in Caledonia, \$10.3 million towards the replacement of the Library and new Active Living Centre facilities in Hagersville.

It should be noted that, despite prudent fiscal planning, the County is subject to **risk and vulnerability** due to future uncertainty. This includes:

- Uncertainty with respect to the wider economy and implications in terms of local growth and investment that translate into assessment growth – can growth ultimately pay for growth?
- COVID-related uncertainties continue to present challenges not only in operational services, but also in the capital plan. The economic impact locally and globally has negatively impacted costs and resources availability, and these impacts are apparent throughout the 10-year forecast.
- Uncertainty in terms of inflation – the effects of the pandemic on inflation have the potential to negatively impact our ability to fund capital projects long after restrictions are removed. In an attempt to plan for those impacts, this 10-year forecast is indexed for 2.5% inflation increases annually in most areas.

Senior staff will continue to monitor the political environment and lobby against changes that may impact the affordability of municipal services and replacement of infrastructure critical to the economic success of the County and the Province of Ontario as a whole.

Respectfully Submitted,

Mark Merritt, CPA, CA

Chief Financial Officer and General Manager of Financial & Data Services

HALDIMAND COUNTY

2022 Draft Tax Supported Capital Budget and Forecast

For Consideration by Committee of the Whole on March 3, 2022



EXECUTIVE SUMMARY:

The County currently develops three (3) annual budgets as follows:

- Rate Supported (Water and Wastewater) - Operating Budget (current year) and Capital Budget (current year plus 9 year capital forecast)
- Tax Supported Capital Budget (current year plus 9 year capital forecast)
- Tax Supported Operating Budget – (current year).

Council has approved the following 2022 Budget Timetable:

Budget	Review Date(s)	Additional/Conditional Dates
Rate Supported Operating and Capital Budget	January 13, 2022	n/a
Tax Supported Capital Budget	March 3, 2022	March 4, 2022 (if required)
Tax Supported Operating Budget	March 31, 2022	April 1, 2022 (if required)

Note: All capital projects included in this document are funded from contributions made to reserves from the tax levy. Water and wastewater capital projects are funded from rates and were included in the Rate Supported Capital and Operating Budget approved January 13, 2022.

2022 Tax Supported Capital Budget and Forecast

The recommendations contained within the 2022 Capital Budget and Forecast are focused on long range sustainability, protection against vulnerability and maintaining flexibility in order to minimize tax impacts on County residents.

The fundamental financial principles/objectives of the 2022 Tax Supported Capital Budget and Forecast are as follows:

- A 1.0% increase in the tax levy to fund the capital requirements for the 2022 Tax Supported Capital Budget, offset firstly from assessment growth, and secondly, in the event assessment growth is insufficient and Council deems it appropriate, from an additional increase in the Municipal Tax Rate (it should be noted that growth for 2022 is estimated at 2.7%, therefore sufficient to offset the capital levy increase);
- Capital related expenditures targeted to be at 35% of the total tax levy within the forecast period but at a future date beyond 2022; and
- Maintain an 80:20 ratio of capital expenditures for replacements/“state of good repair” to new/enhanced projects over the 10 year forecast period.

The capital funding plan is based on our anticipated capital replacements or growth needs. As a result, simply deferring capital projects will have some, but limited, impact on our long range financial needs unless the deferral pertains to new/enhanced programs or initiatives. However, deferral of specific projects may allow for the necessary time to collect Development Charge receipts, or more time for contributions to reserves to build in order to avoid violation of our financing principles. The deletion of projects could result in additional funds being available in a reserve or for other corporate priorities. As well, additions or accelerations of capital works would negatively impact our long range plan, as funds may not be available. The long range capital financing plan will evolve and develop as more detailed information is available to accurately predict the County’s infrastructure deficit and future investment needs, as it is anticipated that there are replacement capital projects not fully reflected in the later part of the forecast that likely overstate the future forecasted reserve balances.

The 2022 Tax Supported Capital Budget includes approximately \$35.0 million of infrastructure investment in 2022 with a total tax supported infrastructure investment of \$310.4 million over the 10 year forecast.

The adoption of the Capital Budget provides a firm understanding of the impacts of the anticipated capital program on the tax supported operations of the municipality. Staff has included Appendix F to illustrate these impacts to assist Council in evaluating the merits/needs of the proposed capital projects.

The County has predictable grant sources for capital funding. Approximately 24.2%, or \$75.0 million of the 2022 capital program (including the forecast period) is funded from and grants and subsidies. The County received an annual allocation from the Federal Gas Tax Fund of which 50% is allocated to roads projects as per the budget guidelines and the Ontario Community Infrastructure Fund (OCIF) is allocated 100% to the roads program.

The OCIF funding, which was approximately \$2.7 million in 2021, has seen a substantial increase - having been approved by the Province at approximately \$5.4 million for the year 2022. A potential loss of OCIF funding would have had an immediate and direct impact on the County’s long-term funding strategy. As a result of the increase, the CRR-Roads Infrastructure Reserve will remain in a positive balance throughout the 10-year forecast. The province has provided

guidelines as to how it will calculate future allocations, but no specific amounts have been identified for 2023 or future years. The 10-year forecast currently projects an OCIF annual amount at the 2022 allocation level throughout.

This capital forecast will require debt financing of approximately \$16.4 million in new tax supported debt and \$14.6 million in growth related debt to be issued over the forecast period in addition to the existing debt currently outstanding. The maximum annual debt repayment (interest and principal portions) does not exceed \$6.8 million (including both tax, rate supported and DC debt payments) at any point during the forecast period (ranging from \$4.0 million in 2022 to \$6.8 million in 2027). It should be noted, as the level of debt increases, the County's degree of flexibility to meet unanticipated expenditures diminishes.

Reserve funding represents the largest annual funding source. Most income for these reserves comes from the County's tax levy. The recommended 1.0% increase in the overall capital levy for 2022 of \$725,500 is utilized for debt charges and contributions to reserves. To stay within this 1% requires prioritization of projects and as such, possible delays/deferrals of identified projects. Potential projects were evaluated based on scope and potential service impacts. Future budgets may require additional review of underlying financing strategy, potential timing, and scope for all program areas.

BACKGROUND:

Prudent management, as well as section 290 (1) of the Municipal Act, requires local municipalities to prepare and adopt annual estimates required for the purposes of the municipality, including amounts sufficient to pay all debts of the municipality falling due within the year, and amounts required for any board, commission or other body.

Legislative Framework and Capital Budget Process

Legislative Framework

The legislative environment in which municipalities operate is continually evolving, placing additional constraints and pressures on resources and finances. In recent years, many municipal associations have strongly supported the adoption of Long Term Financial Planning. These principles go beyond "multi-year budgeting" and involve the integration of long range strategic planning with service delivery plans and the appropriate annual budgets to facilitate the financial resources required. Although the Municipal Act provides the legislative authority for multi-year budgets (from 2 to 5 years), there are limited legislative requirements to adopt true long term financial plans (except for those required under the Safe Drinking Water Act to report both the full cost of the water services and a cost recovery plan, representing a period of at least six (6) years). The ideology of sustainable services and the allocation of limited resources are paramount in the budgeting decisions of all municipalities across the Province.

The requirement to report tangible capital assets in the statement of financial position (i.e. balance sheet) and the corresponding amortization (i.e. utilization) as an expense in the statement of operations has dramatically altered the way municipalities report and plan for the replacement of existing infrastructure. Ultimately, these reporting requirements provide the fundamental basis for municipalities to budget and plan for capital asset replacement, including identifying the resources necessary, or lack thereof, to fund these requirements. It is generally accepted that improved asset management and reporting practices, which the Public Sector Accounting Board (PSAB) amendments are designed to promote, will improve accountability to the taxpayer, providing a better basis for decision making and a more effective means to determine the appropriate expenditure levels to maintain the assets integral to the County's operations. However, municipalities are required to record capital assets at their historical cost adjusted by associated accumulated amortization to reflect their remaining useful life. It is unlikely that the historical costs will reflect the replacement costs and associated resources required to replace aging infrastructure. This practice can lead to significant underfunding of future replacements if not managed effectively (this underfunding is commonly referred to as the "infrastructure gap"). An analysis of the County's current estimated "infrastructure gap" is provided later in this report.

The development of a comprehensive asset management plan, is a requirement for all on-going Federal (i.e. Gas Tax) and Provincial (i.e. Ontario Community Infrastructure Fund – OCIF) infrastructure grant funding and reporting. To assist municipalities in this regard, the Province has developed a guide on preparing comprehensive asset management plans, including the following 4 core/fundamental requirements: review of the current state of infrastructure; development of expected levels of service; asset management strategy to achieve the desired levels of service; and a comprehensive financing plan to fund these objectives. Additionally, beginning January 1, 2018, the Province passed legislation requiring all municipalities to adopt a service based asset management plan for all assets. Under this legislation, each municipality will be required to prepare a strategic comprehensive asset management policy, including a plan to maintain core infrastructure, defines levels of service and make the plan publicly accessible with updates at least every 5 years. These requirements will be phased in over several years. In June 2019, Council approved FCA-01-2019 Asset Management Policy, being the first step of this legislation, which was required by July 1, 2019. The remaining provisions will be implemented in futures years with all components fully implemented by July 1, 2024.

Despite the above noted reporting requirements related to tangible capital assets, the Municipal Act continues to allow municipalities to not budget for the following items: amortization expenses related to capital assets; post-employment benefit costs; and solid waste landfill closure and post-closure expenses. Although this does not directly affect the 2022 Tax Supported Capital Budget, it does require a separate report on these "excluded expenses". This report will

be presented to Council as part of the 2022 Tax Supported Operating Budget which will outline the potential impact the exclusion of these expenses would have on the County's accumulated year end surplus/deficit.

Capital Budget Process

The County's budget process is focused on **strategic objectives** and **long term financial planning**. This process provides direction to management and staff when identifying infrastructure needs and implementing a long range financial plan that is sustainable. These long range plans provide for a structured process to determine future investments in infrastructure needs, as well as planned financial impacts on future budgets. Although the long range vision is to have "fully funded sustainable services", in the medium term, the goal is to increase municipal investment in infrastructure, focusing on replacement/state of good repair.

As indicated above, the Province has developed a *Guide for Municipal Asset Management Plans* which incorporates several of the County's current principles. Although there are several methods/models to assist in developing a long-range financial plan, the underlying principles are typically the same:

- **Established Goals/Objectives/Framework to Govern the Process:** The County has well established Corporate Strategic Objectives to guide the development of a long range asset management plan.
- **Identify the State of Local Infrastructure:** The County must continually update its inventory of capital assets annually to meet financial reporting requirements and revise anticipated replacement costs/timing. Although the County has inventories of its various assets, the details, accuracy and relevant timeliness varies between categories of assets. The intent of a comprehensive asset management plan is to utilize this information to determine optimum replacement timing and costs to meet the approved service levels. Additional studies/reviews will be required to assist in determining the replacement timing while maximizing asset life and efficiencies. To the extent this information is available to County staff, the replacement requirements have been evaluated in the departments' current and forecasted capital budget submissions. As more information is available and condition assessments of these assets are completed, a more detailed, comprehensive replacement program can be developed. Growth related needs have been evaluated based on alignment with corporate strategic priorities, legislative requirements, health and safety impacts and operating financial impacts.
- **Desired Levels of Service:** The County's intended levels of service and performance targets can significantly affect future timing and costs of replacements or upgrades. Defined levels of service with anticipated performance measures and timelines ensure the underlying infrastructure needs are appropriately identified to meet these targets. This analysis includes an assessment of both current and future requirements based on established/anticipated community/resident needs.
- **Asset Management Strategy:** This step involves utilizing the aforementioned information to develop a planned set of actions that will ensure the underlying infrastructure will provide the desired levels of service in a sustainable manner. This includes managing future risk and annual costs through a series of planned maintenance/rehabilitation and replacement activities.
- **Financing Strategy:** A comprehensive long range financial plan is critical in putting the asset management plan into action. This step involves the integration of the physical asset management plan with the required financial plan. The financial plan will ultimately impact the municipality's capital and operating budgets and identify funding shortfalls. The County has established specific guidelines/principles to guide the development of our long range financial plan. As outlined in Appendix A and detailed below, these principles are reviewed annually and evaluated in relation to the budget submitted for Council's review.

An asset management plan is an evolving process and, each year, the County evaluates the funding sources and infrastructure needs against the established principles. Based on the available information, replacement and growth related infrastructure needs, over the 10 year forecast period, cannot be fully accommodated without an increase in debt financing, depletion of reserves and/or an increase in the capital tax levy.

As indicated above, the budgeting process is an integral part of the planning for future infrastructure replacements. As a result, the focus of the 2022 Tax Supported Capital Budget and Forecast should be on **financing** and affordability. Minor capital repairs/replacements (i.e. typically individual items less than \$5,000) are financed directly from the Tax Supported Operating Budget. All remaining capital expenditures are either financed internally from capital replacement reserves, external financing sources or new debt issuance. As a result, there are **no** capital projects financed directly from the levy. These principles are a major step towards sustainability and lifecycle costing of infrastructure needs – it is the first step in moving from a "cash basis" to an "accrual basis" of funding.

Key "Capital Financing Principles" have been established to guide the application of various funding sources for the County's proposed capital program. These Principles have continually been reviewed/revised (outlined in detail in Appendix A of the budget document) and are based on past practices and "industry best practices". With the exception of Provincial legislation establishing Annual Debt Repayment Limits (ARL), there are no mandatory financial principles established for municipalities. As a result, the principles have been developed by staff and approved by Council to provide annual guidelines for uses of various funding sources and their application to specific capital projects, as proposed in the 2022 Tax Supported Capital Budget and Forecast. These principles include:

- Annual debt repayment level significantly below Provincial legislated maximum, as well as application guidelines for use of debt on specific infrastructure projects;
- Use of Reserves and Reserve Funds, including minimum balances over the forecasted period;

- Application of provincial/federal grants, subject to eligibility and availability; and
- Application of external funds, including conditions on initiating projects funded from these sources.

The use of these guidelines adds an element of affordability to the budget process when evaluating the County's ability to finance the proposed capital projects over the forecasted period. This plan is predicated on a multi-year approach to provide additional funding to increase the County's investment in infrastructure to an acceptable level to maintain a "state of good repair" and provide the necessary funds for future growth and develop initiatives to achieve the County's long range strategic goals. Ultimately, this approach will provide the fundamental basis for a long range financial plan as part of an integrated asset management plan.

2022 TAX SUPPORTED CAPITAL BUDGET AND FORECAST

Overview and Underlying Principles

The County employs several key financial principles to ensure the budget document is understandable and meets the County's needs. These include ensuring the budget(s) are: accountable, credible, reliable and transparent, and can manage expectations and meet legislative compliance. These principles are also embodied in the County's budget guidelines. The budget cycle is continuous and ever evolving, including the following steps: preparation, approval, monitoring and reporting. The 10 year Capital Forecast gives the County better indication as to its corporate strategies and financial health, versus a year-over-year comparison of its annual capital expenditures. It is in the capital budget where the corporation commits to build the necessary infrastructure over the long term. By extension, the corporation commits itself to the operating costs of maintaining the facilities and/or infrastructure and to the costs of programs run out of those facilities.

As a result, the fundamental financial principles/objectives of the 2022 Tax Supported Capital Budget and Forecast are as follows:

- A 1.0% increase in the tax levy to fund the capital requirements for the 2022 Tax Supported Capital Budget, offset firstly from assessment growth, and secondly, in the event assessment growth is insufficient and Council deems it appropriate, from an additional increase in the Municipal Tax Rate;
- Capital related expenditures targeted to be at 35% of the total tax levy within the forecast period but at a future date beyond 2022; and
- Maintain an 80:20 ratio of capital expenditures for replacements/"state of good repair" to new/enhanced projects over the 10 year forecast period.

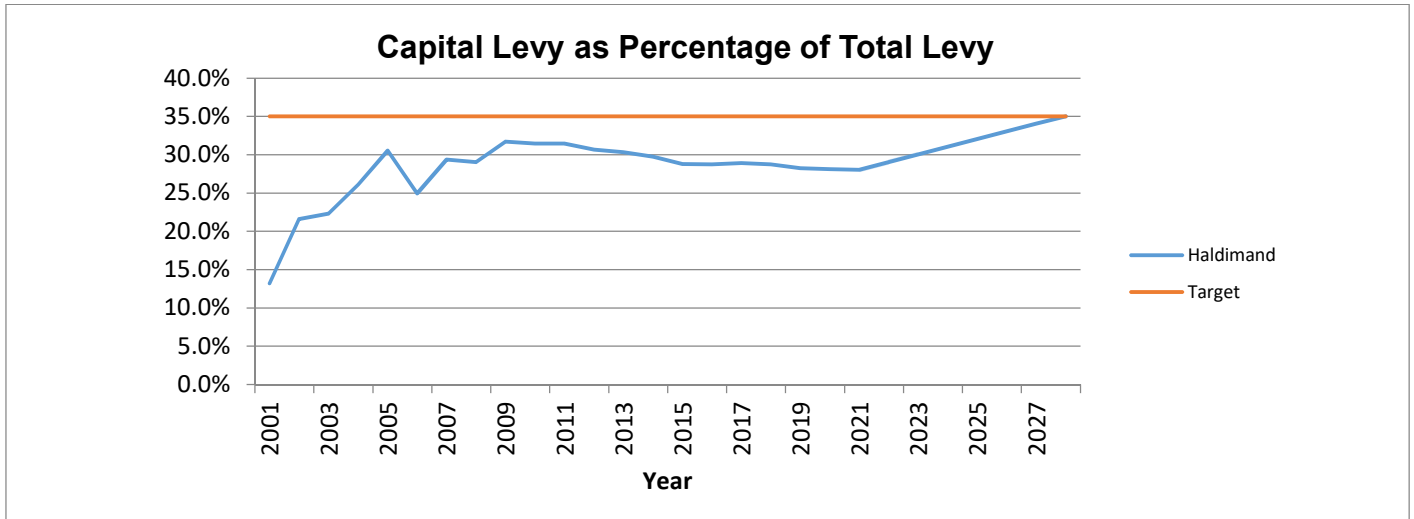
The intent of these principles/guidelines is to develop a capital financing plan over the forecasted period that, while achieving the aforementioned targets, will address to some degree, the infrastructure deficit.

Increase Capital Related Levy to Target of 35%

Description/Rationale for Guideline: This principle was established and previously adopted by Council based on staff recommended "best practices" and financial indicators utilized by Credit Rating organizations. As part of the County's annual credit rating review by Standard and Poor's (who rate approximately 36 Canadian municipalities), one of their key financial indicators is Capital Expenditures as a % of Total Expenditures. This indicator is used to assess the sustainability of the municipality's capital program. Although the County's actual capital expenditures as a percentage of total levy is currently below the target, our percentage has increased relative to previous years. The relative percentage for rated municipalities has increased substantially since 2001 with higher/stronger rated municipalities exceeding 30%. As such, the County has set a target of 35% and modified the target based on percentage of levy, not actual expenditures. In the absence of a comprehensive asset management plan for all asset categories, this indicator has been consistently used to determine the County's ability to meet its future infrastructure needs.

Analysis: The County has significantly increased its relative contribution to capital related-expenditures since its inception in 2001. In the County's inaugural year, only 13.2% of the total levy was capital related. Annual increases over multiple years were identified to meet the established 35% target, and on occasion, have been impacted in prior years due to economic conditions and other fiscal constraints. Although the increase has fluctuated (ranging from 1.5% to 0.25%), the County has recognized the importance of addressing the long range financing requirements related to the County's infrastructure needs. Based on the historical guideline of a 1% increase in the tax levy related to capital expenditures (reserve contributions or debt related payments), it is estimated that approximately **29%** of the County's base levy for 2022 will be capital related.

The following graph depicts the County's historical and projected percentages over the 2001 to 2028 period based on the 2022 Tax Supported Capital Budget and Forecast. As depicted below, steady improvement has been made in the annual tax levy investment in capital spending. It is anticipated that, by initiating successive future increases in the capital levy of 1.0%, the 35% target will be achieved by 2028 (projections assume no change in total current annual levy requirements and constant dollars for the capital forecast). The annual capital levy is currently close to maintaining the relative share of capital related financing expenditures as a percentage of total levy. As the annual levy increases, increased capital related financing is required to meet the 35% target. Any deviations from the projected increase in the annual capital levy will impact the capital forecast as the required financing may not be available. As well, if the operating component of the annual levy increases at a rate greater than 1% per year, the portion of dollars directed towards the capital levy will decline, making this 35% target more challenging to achieve.



Note: The years 2001 through 2008 are based on reported expenditures in the annual Financial Information Return (FIR) As a result, the percentages can fluctuate year over year due to timing of completion of capital projects. The years 2009 to 2021 are based on the capital related levy in relation to the base levy for that year. The remaining years are based on the projections of the capital related levy in relation to the 2021 base levy.

Focus on “Replacement”/State of Good Repair”

Description/Rationale for Guideline: The 2022 Tax Supported Capital Budget and Forecast represents a review of current and future capital needs based on replacement/“state of good repair” needs versus “new”/enhanced infrastructure needs. For analysis/presentation purposes, the following definitions/criteria have been utilized to determine the relative allocations:

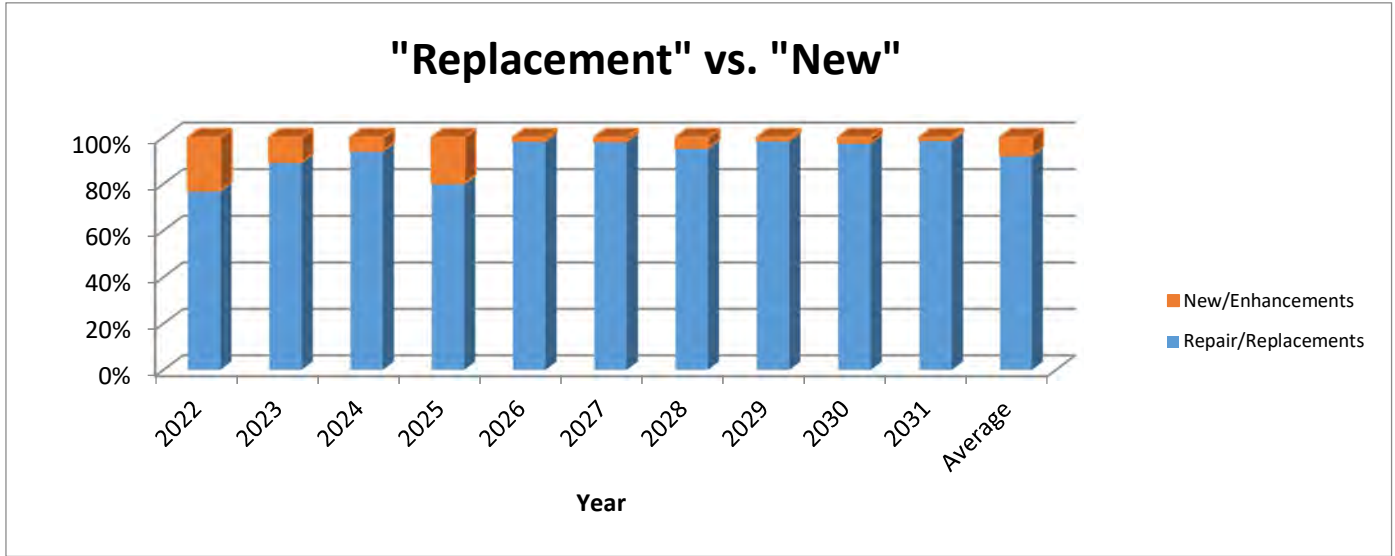
State of Good Repair (SOGR)/Replacement: Represents capital projects related to repairing/replacing an asset that the County currently owns and manages (this includes replacing existing capacity for service levels – i.e. landfills and cemeteries). These assets are typically already in the County’s inventory and are being amortized on an annual basis (this also includes studies associated with these assets – i.e. condition assessment studies). Some replacements will include “enhanced components” (e.g. enlarged square footage of fire halls due to size of new vehicles) as an integral part of the project; these would be included with the “SOGR” unless the cost is significant in relation to the original replacement cost or can be separately identified from the replacement component.

New/Enhanced Services: Represents capital projects that result in a substantial change in scope, a new process or new purchase over and beyond the current inventory allocation (this would include added excess capacity beyond the foreseeable future needs).

Given the ultimate responsibility to replace existing infrastructure and the associated costs of deferred maintenance/replacements, the proportion of capital costs related to “replacements” should be significantly higher than “new/enhanced”. Ideally, the County would have sufficient reserves and alternative financing sources to accommodate all replacement projects, as well as desired new/enhanced projects to achieve its corporate objectives. In reality, the County is not in a financial position to fund, on a “pay as you go” basis, all required replacement projects, as well as the proposed new initiatives, without significant new debt or increased taxation. Ultimately, any removal/deferral of infrastructure replacements will have a long range negative levy impact as operating maintenance costs escalate and replacement costs rise exponentially based on the deterioration of the underlying asset.

The use of the Capital Financing Principles and a long range financial plan will guide in the development of a balanced approach by utilizing reserves, debt and other financing sources to fund the sustainable replacement of existing infrastructure while providing necessary resources for new initiatives. The historical guideline utilizes a target of an 80:20 allocation between Replacements versus New/Enhanced. In determining these percentages, projects funded from one-time specific Federal/Provincial Grants, external funds (including donations, recoveries and Community Vibrancy Funding) and growth related projects funded from Development Charges are removed as specific funding is available for these projects (or components therein). As result, the remaining projects are financed from the County’s internal funding sources (primarily reserves/reserve funds, debt, and Provincial/Federal Grants – OCIF and Federal Gas Tax). As the current budget process is refined and financing policies are developed, it is anticipated that this principle will provide for substantially more replacements in the future, recognizing that annual fluctuations in the percentage split will likely occur due to specific priorities in a given year.

Analysis: The following chart depicts the capital project allocations for the forecast period.



The 2022 capital budget represents a 76%/24% allocation (replacement to new/enhanced, excluding external funding and CVF funds). The average over the ten year forecasted period is 92%/8%. The intent is to maintain the 80:20 ratio of capital expenditures for replacements to new/enhanced projects over the 10 year forecast period, recognizing certain years may fluctuate based on the nature of the specific infrastructure needs. Each of the 10 years should be close to the 80%/20% allocation. The Gravel Road Conversion projects are considered “enhancements” and have an impact on the overall percentages in 2022 and 2023. This initiative has been accelerated in previous budget years, but it is now planned to be complete by 2025. As the gravel road conversion program ends, the focus changes to the surface treatment program, resulting in capital budget allocation shifts to “replacements” in the second half of the forecast.

Developing a Long Range Capital Financing Plan

Capital Financing Principles provide the framework for ensuring the County has a balanced financial approach while maintaining our liquidity and strong financial health. A long range plan needs to provide consistent, predictable levy increases directly associated with capital financing requirements. The focus is on a capital funding plan based on our anticipated capital replacements or growth needs. As a result, simply deferring capital projects will have some, but limited, impact on our long range financial needs unless the deferral pertains to new/enhanced programs or initiatives. Deferral of certain projects may assist in providing the necessary time for collection of Development Charge receipts, or provide more time for contributions to reserves to build in order to avoid violation of our financing principles. The deletion of projects could result in additional funds being available in a reserve or for other corporate priorities. As well, additions or acceleration of capital works would negatively impact our long range plan, as the funds may not be available. The long range capital financing plan will evolve and develop as more detailed information is available to accurately predict the County’s infrastructure deficit and future investment needs.

A review of the overall gross capital costs clearly depicts a need for better underlying infrastructure data to predict replacement periods and associated costs in order to develop a long range sustainable financing plan. Although we have reported tangible capital assets for financial reporting purposes, including estimated replacement dates, this information has not been fully utilized to develop future forecasted expenditures. In future years, we will continue to utilize this information to develop a comprehensive asset management plan that better manages the replacement of assets by the end of their useful lives. As a result, in developing the 2022 Tax Supported Capital Budget and Forecast, the financing plan was focused on the **Short-Term needs (1 to 3 year)** as these are the most predictable. The infrastructure needs over the **Mid-Term (4 to 6 year)** period are less predictable and the **Long-Term (7 to 10 year)** period lacks key data in several asset categories to develop an accurate/predictable 10 year financing plan. This is clearly depicted in comparing the average annual gross expenditures over these periods as follows:

Forecast Period (years)	2022 Budget Average Annual Gross Expenditures	2021 Approved Budget Average Annual Gross Expenditures
Short Term - 2022 to 2024	\$34.4 Million	\$33.6 Million
Mid-Term - 2025 to 2027	\$31.8 Million	\$28.4 Million
Long-Term - 2028 to 2031	\$27.9 Million	\$22.1 Million
10 year Average	\$31.0 Million	\$27.5 Million

Estimated Haldimand County “Infrastructure Deficit/Gap”

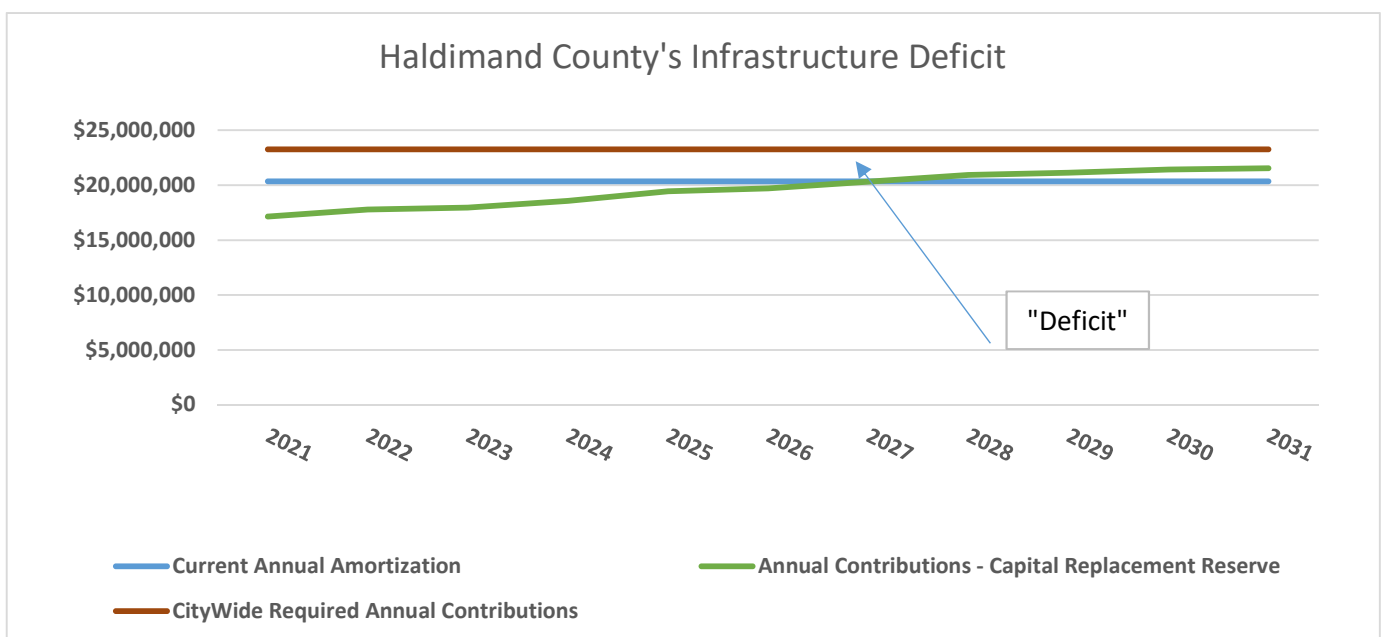
It is generally accepted that municipalities do not currently have the financial resources to fully fund the essential replacements associated with their current infrastructure needs. Although there is no statutory definition for “infrastructure deficit/gap”, a generally accepted definition is as follows: “The total value of physical infrastructure investments that should have occurred to maintain optimal performance but did not. This would include any delayed rehabilitation and replacement of assets that are worn out”. It is estimated that more than 50% of all public infrastructure in Canada is provided by local governments. As such, it is clear that all levels of government must be committed to sustained increases in infrastructure investments to ensure municipalities are providing safe, reliable and environmentally responsible services throughout the Province on an efficient, sustainable basis.

The County’s current capital asset inventory reflects the historical value of the assets, less the accumulated amortization (i.e. value used/utilized over its useful life to date). The resulting “Net Book Value” (NBV = historical cost less accumulated amortization) represents the residual value of the asset over its remaining useful life. The net book value of assets, as a % of historical cost, is a good financial indicator of the state of good repair of the County’s infrastructure – the lower the percentage, the greater percentage of infrastructure that is nearing its replacement/end of useful life. Based on our projected 2020 financial information, the County’s net book value of assets (separated by tax supported and water/wastewater infrastructure) was as follows:

2020 Net Book Value	Historical Cost	Net Book Value (NBV)	NBV as % of Cost
Tax Supported Assets	\$717,941,653	\$351,397,696	48.9%
Water/Wastewater Assets	\$238,838,410	\$150,514,405	63.0%
Total Assets	\$956,780,063	\$501,912,101	52.5%

The County’s NBV as a percentage of historical cost has remained relatively consistent through 2009 to 2020, albeit trending down over this period (this information has been included in the County’s financial statements since 2009). This is a good indicator that capital asset investments have kept pace with utilization of existing assets in relative terms. The Province completes an annual “Financial Indicator Review” of Ontario municipalities, which Haldimand is grouped with 28 single tier municipalities in southern Ontario, ranging in size, but excluding Toronto. This review notes our 2019 Asset Consumption Ratio (the extent to which depreciable assets have been consumed) at 49.0% for all asset categories, compared to the average of 42.8% for our comparator municipalities. Lower numbers indicate newer infrastructure, and a ratio under 50% is considered low risk by the Province. Ultimately, as assets age and near the end of their useful life, the County needs to develop a long term financial plan to meet these requirements.

The County completed a comprehensive Asset Management Plan (AMP) in 2014 for the following asset categories: roads, bridges/culverts, storm sewer, water and wastewater. The plan included the required annual reserve contributions based on the anticipated cost and timing of replacement of the underlying assets in these categories, and identified significant annual funding shortfalls, particularly in roads/bridges and water. In June 2018, Staff presented to council an asset management plan for asset categories not included in the 2014 editions. Using this information, an “**estimated** infrastructure deficit” can be calculated for the County’s tax supported infrastructure. Although based on incomplete information (not every single asset is reported for financial reporting purposes) and several assumptions, it provides an indication as to whether the County is currently providing sustainable capital funding to replace the current infrastructure.



As indicated above, despite continually increasing capital financing contributions on an annual basis, the estimated infrastructure deficit is substantial. The current average annual reserve contributions of approximately \$19.4 million, lag behind both the annual amortization of \$20.4 million and the estimated annual required contributions of \$23.2

million. As a result, the average annual infrastructure “deficit” over the forecast period is approximately \$3.8 million. Although the above information is based on several assumptions (i.e. rate of inflation, interest earnings on applicable reserves, estimated useful life, replacement cost estimates, current condition assessment where available, etc.), it is a good indication that there are future funding issues to be addressed.

SUMMARY:

Council has committed to a long range capital financing plan that provides predictable annual increases to capital related spending over the forecasted period. It was originally anticipated that the targeted capital funding level of 35% of annual expenditures would be reached by 2011 by utilizing a 1.5% annual increase in the capital levy. However, given the economic conditions and other fiscal pressures, these target increases were not maintained. Based on past years, an annual 1.0% increase in capital spending has been included in developing the 2022 budget. As a result, the following depicts the actual/recommended increases in capital spending since 2011:

Year	Projected Increase	Actual Increase
2011	1.5%	1.0%
2012	0.25%	0.26%
2013	1.0%	1.10%
2014	1.0%	0.94%
2015	1.0%	0.30% (*)
2016	1.0%	1.0%
2017	1.0%	1.0%
2018	1.0%	1.0%
2019	1.0%	1.0%
2020	1.0%	1.0%
2021	1.0%	1.0%
2022	1.0%	<i>Recommended</i>

(*) In 2015, contributions to the Waste Management Reserve were amended during Tax Supporting Operating Budget review based on future infrastructure needs of a transfer station operations compared to operating our own landfill.

As indicated above, anticipated funding shortfalls need to be addressed to accommodate increased future capital spending, as the current funding is not sustainable. It is therefore recommended to continue annual capital levy increases beyond 2022. Without this commitment, there will be insufficient funds to maintain the County’s assets in a “state of good repair”, as well as provide necessary funds for new/enhanced infrastructure needs to meet the County’s objectives. For long range forecasting purposes, it is assumed the annual increase will be 1.0% after 2022. This will be subject to annual approval by Council. Based on this revised plan, it is anticipated that a capital levy of 35% of the total annual tax levy will be reached by 2028.

An analysis of the current projected Capital Replacement Reserves (Appendix C) indicates there will be monies within the overall balance of capital replacement reserves, in conjunction with other financing sources and issuance of new debt, to fund the identified infrastructure needs over the forecasted period (some of these replacement reserves also fund new/enhanced infrastructure needs). As well, there is a significant reduction in the overall balance of the capital reserves during the first three years, excluding the Hydro Divestiture Reserve Fund. This is indicative of three things: first and foremost, a significant “borrowing” from future CVF funds - by the end of 2022 it is expected to be in a **negative** position of **\$9.6 million** – these funds are being internally financed from Capital Replacement Reserves leaving an estimated net Capital related Reserves balance of \$10.2 million by the end of 2022; second, better replacement/condition information in the short-term to determine required replacement costs in the next three years relative to later years; and third, the funding of new/enhanced asset investments, for which no previous funds were set aside. Asset life cycle information is improving, which will eventually lead to the identification of increased spending required throughout the entire ten year forecast. This information will be utilized to develop better long range plans to ensure replacement of key infrastructure occurs at the appropriate time with a fiscally responsible funding plan.

Gross Capital Costs Overview

The Capital Budget process has evolved over the years to focus on strategic objectives and long term financial planning. The County’s Corporate Strategic Objectives (the “3 Pillars”) form an integral part of the development process of the Capital Budget and Forecast. In addition, a multi-year approach has better managed tax levy impacts while striving to meet specific financial objectives. A corporate wide perspective and consistent rating criterion were utilized to evaluate **all** capital projects submitted for the 2022 Tax Supported Capital Budget and Forecast. While individual managers evaluated and rated their own projects based on the criteria, a cross-sectional peer review committee independently reviewed the ratings for consistent application across the organization. This ensures a fair application of the ratings as applied to each individual project submitted during the development of the Capital Budget and Forecast. The level of replacement projects were evaluated in relation to all submitted replacement projects and the

criteria were utilized to determine the appropriate level of funds allocated to these projects for 2022. The same process was utilized to determine the level of new/enhanced projects that could be initiated in the current year.

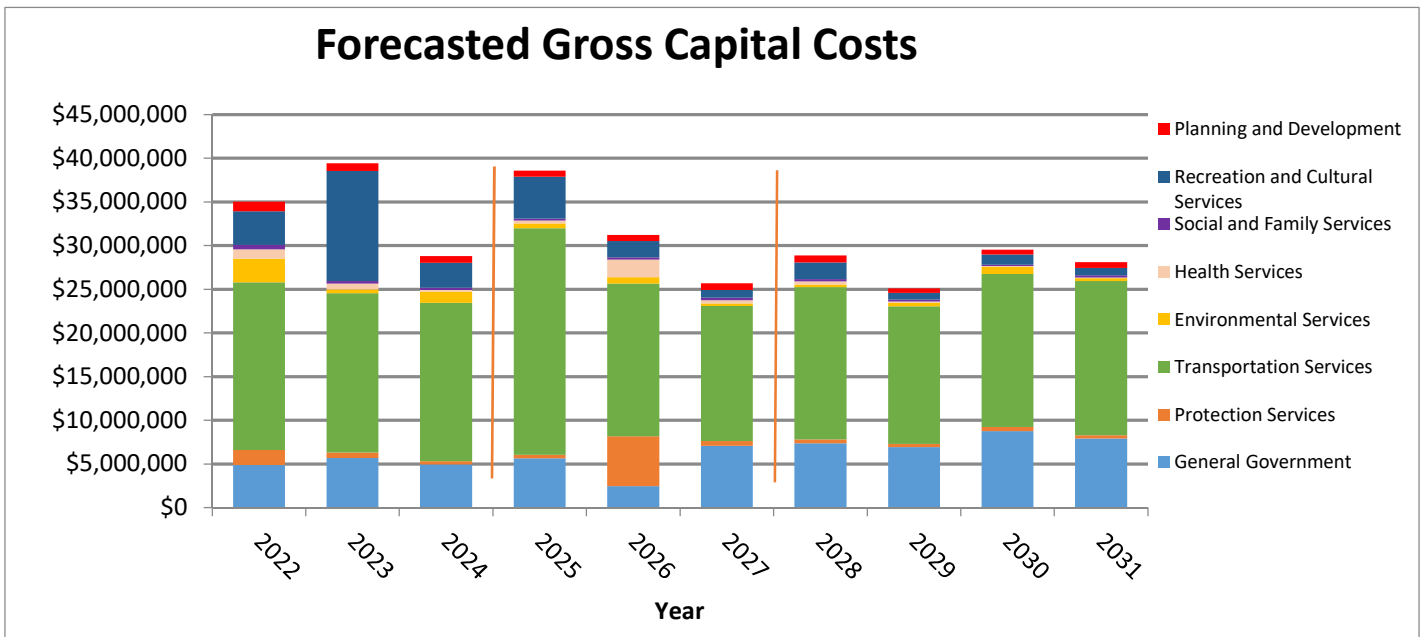
Additionally, the uncertainties associated with costs and availability of materials and resources from the ongoing COVID-19 pandemic are having a noticeable impact on this budget. Staff have invested significant time and effort to re-evaluate and shift projects in the Capital Budget and 10-year forecast based on these uncertainties. One important measure that has been taken for this year's budget is the introduction of indexing capital expenditures for inflation. Project expenditures in years 2023-2031 within the Capital Budget have been indexed using a rate of 2.5% per year to mitigate future inflation increases, which have been significantly accelerated by the pandemic. Projected reserve and reserve fund balances reflect these changes as well, providing an opportunity to review future funding strategies.

The resulting 2022 Tax Supported Capital Budget includes approximately \$35.0 million of infrastructure investment in 2022 with a total tax supported infrastructure investment of \$310.4 million over the 10 year period ending in 2031.

The format for presentation of the details of the capital projects reflects the reporting format required for the County's Annual Financial Information Return (FIR). The FIR requires specific functional areas to be grouped together, and does not necessarily align with the County structure of departments (i.e. Corporate & Social Services, Financial & Data Services, Community & Development Services, Public Works Operations, and Engineering & Capital Works), nor does it take into account the cross-divisional delivery of services provided by the County. The FIR requires specific functional areas to be grouped together. In total there are 9 functional categories, with a varying number of sub-categories as follows:

- **General Government:** Includes all corporate overhead and related capital projects. Sub-categories include Governance (i.e. CAO and Council) as well as Corporate Management and Support (i.e. Citizen & Legislative Services, Information Systems, Human Resources, Legal & Support Services, Finance and Administrative Facilities, and the Fleet and Equipment Pool)
- **Protection Services:** Includes all services intended to protect the public and the community as a whole. Sub-categories include fire, police, court security and prisoner transportation, conservation authorities, protective inspection and control (building/municipal enforcement), emergency measures and provincial offences administration.
- **Transportation Services:** This category includes all means of transportation and associated services. Sub-categories include roadways, bridges/culverts, winter control operations, traffic operations, child crossing guards, transit, parking, street lighting and municipal airports.
- **Environmental Services:** This category includes services that impact the environment. Sub-categories include storm water management, solid waste management and waste diversion. Water and wastewater capital projects are included in a separate budget document as they are supported by user rates and not property taxes.
- **Health Services:** This category includes all health related services. The sub-categories include Public Health services, hospitals, ambulance services, and municipally managed cemeteries.
- **Social and Family Services:** This category includes services related to social and family needs of individuals. The sub-categories include social assistance programs, assistance to the aged (i.e. long term care facilities), and child care services.
- **Social Housing:** This category includes services related to subsidized housing programs for residents within the municipality. This includes public housing and not for profit housing as well as rent supplemented accommodations.
- **Recreation and Cultural Services:** This category includes all parks, recreational and cultural services. The sub-categories include parks and recreational programs, recreational facilities, libraries, museums and other cultural services (i.e. arts and entertainment).
- **Planning and Development:** This category includes all planning and development related services. The sub-categories include residential and commercial/industrial planning, agriculture and reforestation, tile drainage and shoreline management, economic development and tourism related activities.

The following graph provides an indication of the 2022 Tax Supported Capital Budget and Forecasted capital expenditures by functional categories as noted above.



As shown above, the County’s Tax Supported Capital Plan focuses primarily in the Transportation area (i.e. roads and bridges). Traditionally, the capital projects are focused in this area as roads/bridges represent the majority of the County’s existing tax supported infrastructure (50% of the replacement value excluding water and wastewater infrastructure). Transportation costs represent the bulk of the annual gross capital costs over the forecast period (ranging from 55% to 67% annually – averaging 59%). Although the intent is to maintain a relatively consistent annual expenditure over the forecasted period, fluctuations are due to the acceleration of the gravel roads conversion program and timing of planned replacements of major road segments or bridge replacements. Given the detailed inventory and condition assessments for this category of assets (i.e. road condition assessments every 5 years and bridge inspections every 2 years), timing of these replacements are fairly predictable. As indicated by the chart above, the planned expenditures are fairly consistent over the forecast period (averaging \$18.3 million annually – slightly higher in the front end for gravel roads conversion, and as less major road reconstruction projects or new initiatives are identified in the later part of the forecast). It should also be noted that several new initiatives/programs have been added over the past years (i.e. replacing converted gravel roads, enhanced urban and rural streetscaping, on-road trails, post and cable guiderail replacements and excess soils management) that have increased annual capital costs with no additional funding. These enhanced road programs have all been funded from the Capital Replacement Reserve-Roads Infrastructure Reserve. In addition, as approved by Council, the acceleration of the Gravel Road Conversion has shifted the bulk of the program, over the 2022 to 2023 period, as the program is expected to be complete by the end of 2025. Given the magnitude of planned work in these areas, the majority of the annual increases to the capital levy noted in the financing section of this report are recommended to be contributed to this reserve to offset this utilization.

Traditionally, the other functional areas can fluctuate based on the timing of replacement needs and large scale replacement projects. It is anticipated these trends will continue during the forecasted period with cyclical changes as one-time major infrastructure replacements occur (i.e. typically during the replacement/expansion of major facilities – fire, emergency services, recreational or cultural facilities). As one of the main focuses of the capital budget is to ensure an adequate state of good repair, these allocations are consistent with infrastructure replacement needs based on life cycle.

Unlike previous years, there are no projects in the 10-year forecast funded from Community Vibrancy Funds (CVF), which would typically increase the expenditures in those applicable years.

Significant anomalies are as follows:

- **General Government:** renovations to the Kohler Facility space in 2022 for \$938,000; planned replacement of computer servers in 2025 and 2030 totaling \$813,000, and \$2.2 million in both 2027 and 2030 for pumper trucks; replacement plow trucks planned in 2023 for \$1.1 million, 2028 for \$2.4 million and 2030 for \$2.2 million, and replacement aerial fire trucks in 2030 and 2031 for \$1.6 million in each year.
- **Protection Services:** additional costs for the replacement/expansion of Caledonia Fire Station in 2022 for \$1.2 million; replacement of Dunnville Fire Station in 2026 for \$5.3 million.
- **Transportation Services:** a new initiative to review and implement a County Wide Roads Operation Service Model (\$7.6 million) planned for 2025; Argyle St Bridge Replacement (Haldimand Share \$1.3 million) in 2024; the bulk of granular conversion to be completed in 2022-2023 (\$2.8 and \$2.5 million respectively); a new initiative for establishing an Excess Soils Management Program (\$1.7 million across the 10-year forecast); a new initiative for the Post and Cable Guiderails replacement program (\$4.0 million over the 10-year forecast).
- **Environmental Services:** a new initiative in 2022 to upgrade the Frank Marshall Business Park Stormwater Management pond for \$1.7 million.

- **Health Services:** additional costs for the replacement/expansion of the Caledonia EMS Base for \$598,000; replacement ambulance depot in Dunnville in 2026 totalling \$1.9 million.
- **Recreation and Cultural Services:** replacement of the library in Hagersville for \$6.1 million and new Active Living Centre for \$4.8 million planned in 2023; addition of River Road Cycling Lane in 2024 for \$756,000; replacement of the Cayuga and Hagersville Skate Park in 2024 and 2025 for \$630,000 and \$646,000 respectively; Dunnville and Hagersville Pool Changehouse replacements in 2025 for \$530,000 each; Hagersville Arena Parking Lot Resurfacing in 2025 for \$575,000; new initiative for HCCC HVAC & Humidification System for \$400,000; new initiative to update the Trails Master Plan in 2023 for \$100,000; additional Cayuga Parks projects as a result of public consultation (totalling \$2.1 million across the 10-year forecast)
- **Planning and Development:** Dunnville Secondary Plan \$169,800 in 2027, and an Archaeological Master Plan \$150,000 in 2022.

Included in Appendix F are the anticipated annual operating impacts of the 2022 Tax Supported Capital Budget new initiatives. In aggregate, it is anticipated that there is a total net annual operating impact of \$67,330 or a 0.09% levy impact as a result of new/enhanced capital expenditure programs presented in this year’s budget. These costs will be reviewed in relation to other levy drivers in the tax supported operating budget scheduled for Council’s review on March 31, 2022.

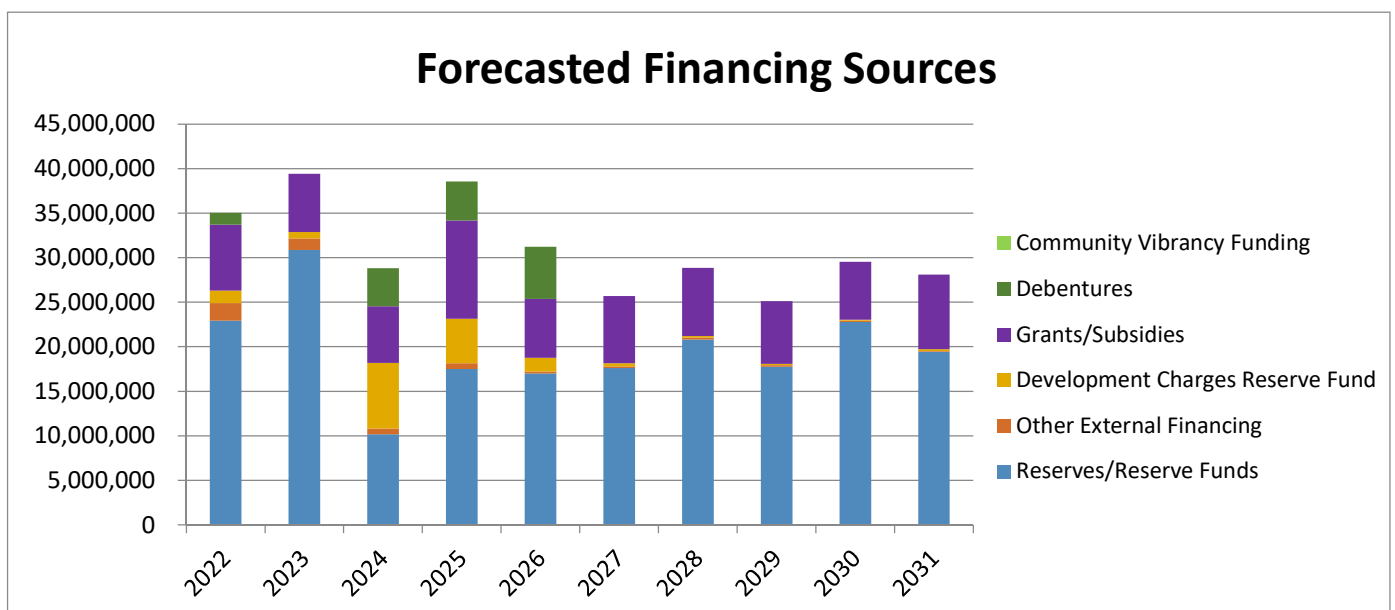
Financing Sources

The County has certain financing sources to draw upon to provide for the capital costs associated with the 2022 Tax Supported Capital Budget and Forecast. The source of financing for specific projects varies depending on the availability of funds and the nature of the capital projects. As previously indicated, specific Capital Financing Principles were developed and utilized to determine the appropriate funding sources for proposed capital replacements or new initiatives. These principles are outlined in detail in Appendix A of the budget document as they relate to specific sources of funding. The application of the principles developed for the Capital Budget and Forecast provides a fundamental basis to evaluate the County’s ability to finance its required capital replacements.

Replacement of Existing Assets: When considering available funding sources for these projects, funds were applied in the following order: committed/contractual external revenue sources, available eligible grants, specific capital replacement reserves, and debt financing. In general terms, replacement of existing infrastructure is financed from specific reserves/reserve funds established for the underlying group of assets. Debt financing would only be considered, subject to the Capital Financing Principles, if sufficient funds are not available through other sources. In addition, growth related projects are funded from the development charges reserve funds as identified in the development charges background study.

Enhancements/Growth Related Projects: The only specific funding source dedicated to growth related projects is development charges. Development charges are collected for specifically identified capital projects. The County does not have established predictable sources of funding for these initiatives other than the development charges collected on the specifically identified projects. The notable exception is the use of Federal Gas Tax Funding as the criteria to utilize these funds may lend itself to both replacement and new/enhanced infrastructure needs. As a result, the remaining balance of new/enhanced initiatives must be funded from the specific capital replacement reserves that also fund the replacements.

The accompanying chart, depicts the various sources of financing for the projects in the proposed capital forecast.



External Funding

External financing sources total 1.8% of total funding over the forecast period and can fluctuate year to year depending on the nature of the project and availability of alternative funding sources (these sources are limited primarily to: municipal recoveries for shared roads and environmental services; municipal drain chargebacks; recovery for hydro related works; and community contributions for joint projects on municipally owned assets).

Grant Funding

The County has limited predictable grant sources for capital funding. This budget includes total financing from grants of approximately \$75.0 million (or 24.2% of total financing sources) over the entire forecasted period. Grants are typically received in one of the following ways:

- Guaranteed Annual Amounts (i.e. Federal Gas Tax and OCIF);
- Merit based granting opportunities (i.e. Provincial or Federal grant opportunities);
- One time grant funds – Typically one-time funds restricted to specific areas.

Grant funds are typically attributed to the Federal Gas Tax and the Provincial Ontario Community Infrastructure Fund (OCIF); totaling \$71.8 million (23.1%) over the forecast period. The tax supported allocation of Federal Gas Tax funding, totals \$17.6 million and is applied entirely to the resurfacing of low volume rural roads (many of which were previously converted from gravel roads), and recreation and cultural services projects meeting the funding criteria; the split is \$13.5 million and \$4.1 million respectively. OCIF funding, totals \$54.3 million based on approved contributions to 2022 and projected contributions utilized for 2023-2031. As per OCIF funding criteria, the funding is to be utilized within 5 years of receipt, although it has been historically been the County's approach to utilize grant funding in the year in which it is received.

The Capital Financing Principles outline the following guidelines for allocation of these grant sources.

Federal Gas Tax

The County has an agreement in place through the Association of Municipalities of Ontario (AMO) for annual allocations of federal gas tax funding for eligible infrastructure projects. Our current annual funding allocation is approximately \$2.9 million and, as outlined in the capital financing principles, is to be allocated on a 50%/50% basis between tax supported and water/wastewater capital needs. This principle was re-evaluated and affirmed in 2017 and has been followed in the 2022 Tax Supported Capital Budget and Forecast (annual allocations may be impacted in future years as the Province updates its allocation methodology – current methodology is based on a per-capita basis using the 2016 Census and is fixed until 2023). As identified during presentation of the water and wastewater budget, if additional grant funding is available in future years, or as the water and wastewater system nears financial stability, staff will need to reassess the allocation principles for the Federal Gas Tax funds, between water and wastewater and tax supported capital needs, in conjunction with the asset management plans and revised funding needs.

Ontario Community Infrastructure Fund – OCIF

In the summer of 2014, the Ministry of Agriculture, Food and Rural Affairs (OMAFRA) announced that the Province would be committing \$50 million per year for a period of three years to small municipalities (population less than 100,000) for the purpose of maintaining their local infrastructure. The Ontario Community Infrastructure Fund (OCIF) requires no application on behalf of the County, as it is a formula based grant program. The intent of this program is to assist municipalities in funding critical projects identified within their Asset Management Plans in the eligible “core infrastructure” areas (roads, bridges, water, wastewater, and storm sewer). At the time, the County was notified that they would be receiving an annual grant of \$668,293 for the next 3 years (2015 to 2017). In the years since, Haldimand County's annual OCIF allocation grew to a 2021 level of approximately \$2.63 million. Until recently, the agreement with the province only included amounts to 2021, and the future of the funding was uncertain. Staff have included the recently announced OCIF grant funding of \$5.4 million for 2022, and have carried this annual amount throughout the rest of the 10-year forecast. While specific future amounts have not been identified as of yet, the province has committed to funding for years 2023 and forward, providing the following guidelines for which the future allocations will be calculated:

2023 OCIF allocations:

Starting with the 2023 allocations, the formula will be calculated using forward-looking Current Replacement Values (CRVs) and CRV estimates to approximate requirements to maintain municipal core infrastructure assets, instead of closing cost balance values from the Financial Information Return. A smoothing mechanism will be implemented to limit year-over-year changes in funding to ± 15 percent of the previous year's allocation.

2024 and onwards:

The Ministry of Infrastructure will begin working with partners across government to develop and implement a more standardized method of collecting CRVs and other data from asset management plans, and to minimize administrative burden. CRVs will be used to inform future OCIF allocations, and data from asset management plans will be used to gain insights on municipalities' level of asset management investments and the state of good repair across core infrastructure.

The County's current Asset Management Plan (AMP) identifies funding needs within the core infrastructure areas with the largest infrastructure deficit shown in Roads. As a result, priority roads projects are identified in the 2022 Tax Supported Capital Budget for use of these funds.

Competitive/"Merit Based" Application Grant Opportunities

These opportunities are announced on a periodic basis and typically involve extensive application processes and conditions/restrictions with respect to the use of these funds. Although the County submitted merit-based annual applications since 2012, we have had limited success with the Province citing that the County's economic and fiscal situations were not as “challenging” as other applicants. With the revision to the OCIF funding program noted above, although this project based funding component is still included in the revised OCIF program as an available “top-up”

amount, the County will no longer be eligible for the application portion of the program as the combined funding for 2017 and 2018 exceeds the \$2 million eligibility threshold. County staff monitors opportunities for one-time grant funds and will continue to apply for these opportunities for eligible projects if/when they become available.

Impacts on Long Term Debt

As outlined in the Capital Financing Principles, debt financing for tax supported projects is utilized in limited circumstances.

Existing Debt

Currently the County has outstanding tax supported debt with future principal payments totaling approximately \$44.7 million. This debt, issued from 2007 to 2021, includes the 2021 debt issuance for the Dunnville Alder Street storm sewer replacement project, in addition to prior debentures issued for the Central Administration Facility, the Cayuga Library, conversion of the CNR Bridge, Grandview Lodge, multiple Firehall/Emergency Service facilities, community halls, arenas and the Dunnville Library (see Appendix B for details). The annual debt repayments are committed over the forecast term and are included in Summary 2 (page S2-1) as part of the overall capital financing. The majority of these debentures will mature within this forecast period, resulting in the ability to increase contributions to reserves near the end of the forecast.

Proposed New Debt:

New debt to be issued over the forecast term includes existing projects where construction is ongoing and the projects will be completed and debt financed in 2022 or beyond. These existing debt requirements total approximately \$18.5 million, and includes both the existing Caledonia Firehall/Ambulance station approved in 2021 (\$4.5 million combined debt to be debt issued), as well as the following proposed new projects to be initiated during 2022 to 2031: replacement of Hagersville library in 2023 (\$4.3 million debt to be issued) Roads Operations Review and Implementation in 2025 (\$4.4 million) and debt financing for the Dunnville Fire Station Replacement and EMS Base in 2026 with the County debt requirement totaling \$5.4 million (\$1.7 million and \$3.7 million respectively).

Development Charge (“DC Debt”):

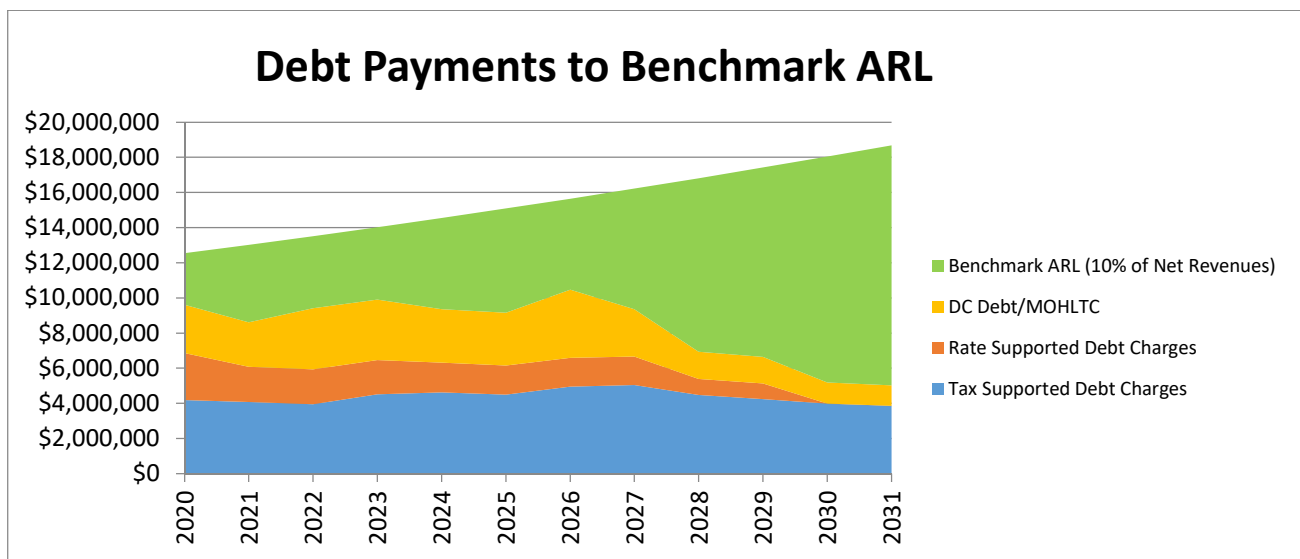
As outlined below, under impacts on Development Charges, it is anticipated that new debt to be recovered from future Development Charges will need to be issued over the forecast period to offset negative cash flows due to the timing of Development Charges receipts (i.e. commonly referred to as “DC or growth related debt”). These projects include DC debt financing totaling approximately \$5.9 million for the Caledonia Arterial Road, \$1.4 million for the Caledonia Replacement Fire Station and \$622,000 for the Caledonia EMS base. Anticipated debt payments for additional DC debt (i.e. for new projects beyond 2022) include a combined \$4.8 million for the replacement of the Hagersville library and the addition of the Hagersville Active Living Centre in 2023 (\$4.0 million and \$800,000 respectively), \$1.3 million for the Caledonia Argyle Street bridge replacement in 2024, and \$1.3 million for the Dunnville Fire Station Replacement in 2026. Annual debt repayments for DC debt will be offset by future development charges.

The total estimated annual debt repayments over the forecast term are included in Summary 2 (page S2-1) as part of the overall capital related financing.

The Ministry of Municipal Affairs and Housing regulates the level of debt that may be incurred by municipalities - no more than 25% of total own purpose revenue can be used to service debt and other long-term obligations. It should be noted that, despite the limits imposed by the Province, a prudent municipality would not consider a debt burden to this level. As a result, a guideline has been established in the Capital Financing Principles of a 10% annual debt repayment maximum.

Based on the projections (assuming approximately a 3% increase in revenue fund net revenues annually), the total debt payments (including projected water/wastewater and DC debt) does not exceed the 10% County established financing principle. Relative to the Provincial Limit, the County could legally incur additional annual debt payments in 2022 in excess of \$24 million; however, this would have a monumental financial impact on both tax and rate payers.

The following graph reflects the annual debt charges in relation to the County’s approved annual repayment limit (ARL) of 10%, as per the Capital Financing Principles. As indicated above, principal amounts of approximately \$18.5 million in new tax supported debt and \$15.3 million in growth related debt is expected to be issued over the forecast period in addition to the existing debt currently outstanding. The maximum annual debt repayment (interest and principal portions) does not exceed \$10.5 million (including both tax, rate supported and DC debt payments) at any point during the forecast period.



The above graph includes debt required to offset the timing of cash flows related to Development Charge receipts (typically referred to as “DC Debt”) and offsetting grants for Grandview Lodge Debt (until 2027). The impact on the Development Charge Reserve Funds is explained in detail below. Rate supported debt charges are based on 2022 capital forecast projections.

In general terms, as the level of debt increases, the County’s degree of flexibility to meet unanticipated expenditures diminishes. Also, the level of debt held by a municipality is a key indicator when rating agencies evaluate the municipality’s financial strength. A lower credit rating results in higher interest rates paid on future debt instruments. Higher interest rates and increased annual debt payments can reduce budgetary options in financing service levels within the public’s expectations (as to what an acceptable levy increase is). Given the significant infrastructure requirements, the future use of debt is unavoidable; however, fiscally sound debt policies ensure that:

- outstanding debt obligations will not threaten the municipality’s long-term financial stability;
- the amount of outstanding debt will not place an undue burden on property taxpayers;
- the municipality maintains flexibility to take advantage of opportunities that arise; and
- a better matching of the ratepayers’ cost of financing a proposed project with future benefits derived from the public sector investment.

Impacts on Reserves and Reserve Funds

Reserve funding represents the largest annual funding source and is relatively consistent throughout the forecasted period, accounting for approximately 63% over the 10 years (with the highest single-year percentage of 78% in 2023).

Reserves and reserve funds form a critical component of the County’s long-term financing plan and represent the major financing source for future capital projects. Included in the appendices is a summary of the tax supported Capital Replacement Reserves (CRR) and specific Capital Reserves (i.e. Park Dedication, Land Sales, etc.). Debt issuance is utilized when sufficient funds are not available in specific reserves.

Most income for these reserves is derived from the County’s tax levy. The recommended 1.0% increase in the overall capital levy for 2022 (includes debt charges and contributions to reserves) amounts to approximately \$725,500. Similar to past practice, staff have made recommendations on how to allocate the contributions; taking into account past approvals/principles and areas with funding shortfalls over the forecast period. The rationale for the proposed recommendations is as follows:

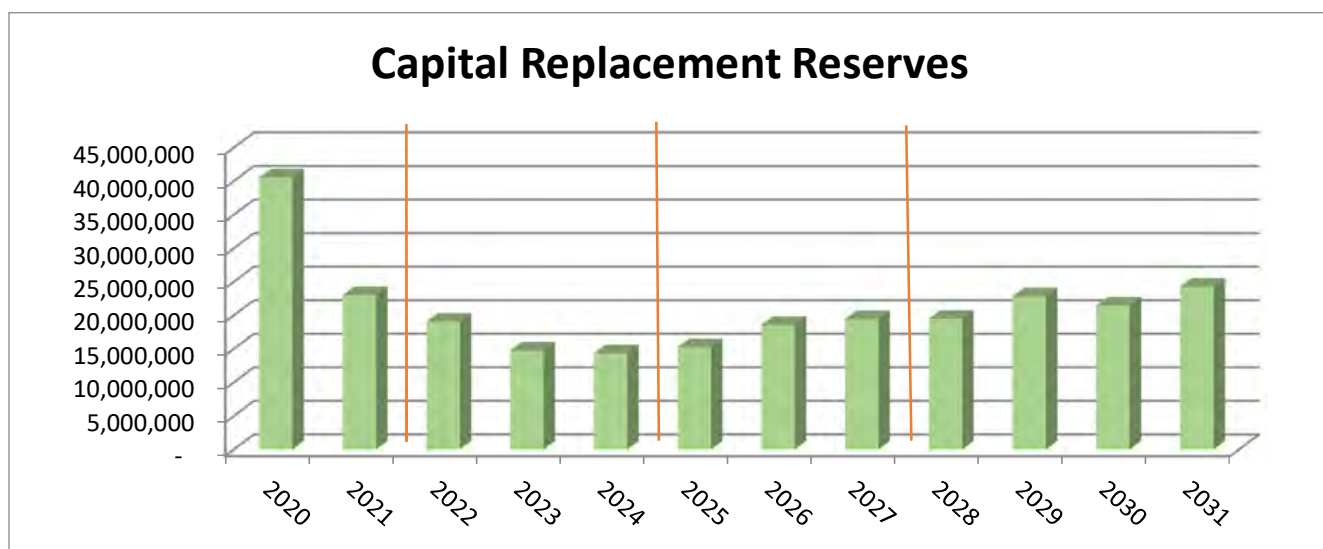
- Increased contributions for capital related impacts of new initiatives: As identified in Appendix F, new initiatives proposed in the Tax Supported Capital Budget have both annual operating and capital impacts. The operating impacts will be included as Council approved Initiatives in the 2022 Tax Supported Operating Budget, while the capital related impacts represent the annual replacement contributions for new equipment (primarily general, fleet and IT reserves). As a result, it is recommended that these annual contributions be increased by approximately \$107,950 in 2022 (see Summary 2) related to the future replacement of the proposed 2022 new capital initiatives.
- Increased contributions to CRR-Community Halls: A sustained increase in major capital needs for community halls has exceeded the available funds in this reserve and current annual contributions cannot keep pace with future needs. This shortfall was identified in the 2015 Tax Supported Capital Budget and Forecast. During 2015, comprehensive building condition assessments were conducted to identify the future capital needs. Based on these assessments, and given annual CRR-Community Halls contributions of \$75,000, a significant shortfall would exist if the annual contributions were not increased. As a result, to address this anticipated funding shortfall, additional funds were contributed through to 2019. A further review resulted again in an additional contribution increase of \$200,000 for 2021 above the \$75,000 annual base. This additional contribution is to be reduced to \$150,000 in 2022, and can then be reduced over the 10 year forecast as the projected future contributions will slow to match anticipated annual costs/needs.
- Increased contributions to CRR – General: In order to compensate for sustained increases in major projects over the 10-year forecast, the following funding changes were implemented as of 2021:

- Continue the additional annual contribution of \$150,000 added in 2019 throughout the 10 year period
- Redirect \$50,000 annually from Storm Sewer Reserve for the 10 year period

However, these changes only provide an additional \$2.0 million funding over the 10 year period to the CRR – General. The strain on this reserve continues, with an additional \$4.6 million being required from the 10-year forecast this year versus last, which will result in low CRR – General ending balances in 2022 and 2023, and ultimately a deficit in years 2028 – 2030. This may require us to revisit our financing strategy, potential timing, and scope for the associated program areas.

- Inflationary increase to all annual contributions: Given future costs included in the forecast are budgeted based on current costs, it is difficult to accurately predict future costs given market and commodity price changes over time. As identified in Summary 2, as projects near the front part of the forecast, more accurate pricing is available which typically relates to increased budget needs for the underlying projects. To provide the required funding for these projects due to scope/inflationary changes in our long term financing projections, it is recommended that inflationary increases be added to annual contributions to all capital replacement reserves, and so a 2% increase has been added to annual capital replacement reserve contributions, totaling \$344,000.
- CRR-Roads Infrastructure: Concerns from the potential deficit in the CRR – Roads Infrastructure Reserve from the 2021 Capital Budget were offset from the recent announcement of the Province’s continued allocations of OCIF funding for 2022 and future. This, combined with the completion of the Gravel Roads Conversion Program in 2025, will leave this reserve in a positive balance throughout the 10-year forecast.

Based on the above recommendations, additional reserve contributions have been allocated to the specific reserves/reserve funds and included in the continuity forecasts of these reserves included in Appendix C. The application of reserve funds to specific projects was based on the principles outlined in the Capital Financing Principles (Appendix A). The key objective is to maintain a positive balance in each specific reserve over the forecast period while limiting the level of internal financing over the same period. Over the forecasted period, all the reserve/reserve fund financial principles are maintained.



The above chart depicts the anticipated year end balances of the reserves specifically dedicated to capital replacement (it does not include the Community Vibrancy Fund, Development Charges Reserve Funds and Federal Gas Tax allocations which are for specific capital purposes, nor does it include the Hydro Legacy Fund or Growing Communities Reserve Fund). A reduction in the overall balance is anticipated for 2022, and further reductions result in a low of \$14.3 million in 2024. In addition, there are replacement capital projects not fully reflected in the later part of the forecast that likely overstate the future forecasted reserve balances. Using the asset inventory for financial reporting purposes and condition assessments to identify optimum replacement timeframes, more comprehensive replacement plans need to be developed for all years to better reflect the future financing needs (i.e. the development of a sustainable Asset Management Plan).

As indicated, the above graph does not include the Community Vibrancy Fund (CVF), Development Charges Reserve Funds (DCRF) and Federal Gas Tax anticipated year end balances. The CVF balance are expected to be in a significant negative position at the end of 2022 totaling \$9.6 million. This negative position will be eliminated over time based on projected future receipts. In the interim, these shortfalls are funded from the County’s other sources of cash. As a result, the anticipated net capital reserve balance is approximately \$23.7 at the end of 2022 (net the Hydro Legacy Fund and Growing Communities Reserve Fund); compared to a net reserve balance of \$49.7 million at the end of 2031.

It should be noted that, with the addition of the Hydro Legacy Fund, the County’s overall “capital reserve” balance is approximately \$100 million. As outlined in the BMA Management Consulting Inc. 2019 Municipal Study, comparing over 100 participating Ontario municipalities, the County’s reserve position is near the top of all surveyed municipalities (when compared relative to: taxation revenues, own source revenues and on a per capita basis). While it is recognized there is additional funding requirements for infrastructure replacements, the County is well positioned compared to other municipalities and appears to have more financial flexibility at this time.

In order to adequately fund the proposed capital program, to stabilize year over year fluctuations in the municipal levy, and to avoid the issuance of debt on ongoing replacement and renovation/maintenance programs, it is anticipated

that the annual contributions to capital reserves will need to be continually increased in future years (i.e. beyond 2022). As the comprehensive replacement needs for the County are better understood, a more fiscally responsible plan can be developed to balance debt and reserve funding. The County's past commitment to increase the annual capital levy has steadily addressed the anticipated shortfalls but will need to be re-evaluated for future years if new/enhanced capital programs are projected to continue.

Impact on Development Charges Reserve Funds

Use of development charges over the forecast period totals approximately \$17.1 million (5.5%). The application of these funds is limited to the specific capital projects identified in the Development Charges Background Study. The majority of the Development Charges funding is related to:

- various projects in Transportation Services (\$5.3 million) which includes the Argyle St Bridge Replacement for \$1.3 million;
- replacement of Dunnville Firehall for \$1.4 million;
- additional development charges for Caledonia Firehall and EMS base totaling \$459,000,
- Cemetery development totaling \$392,000,
- Recreational Services totaling \$6.3 million which includes Hagersville Active Living Centre \$4.0 million and Hagersville library for \$820,000; and
- Planning and development services totaling \$321,000 (mostly studies and implementation of Dunnville Secondary Plan implementation \$153,000).

During the comprehensive update to the Development Charges By-law in 2018/2019, detailed capital projects and the relative growth related proportions were identified. Incorporated in this analysis is the financing of these requirements over the next 10 and 20 years (10 years for parking, leisure, library, general government, cemeteries and ambulance services; 20 years for roads/bridges, fleet, fire services, water/water and storm sewer). As a result, the projects included in the 2022 Capital Budget and Forecast include the projects outlined in the Background Study. The inclusion of new/revised projects anticipated to be funded from development charges are evaluated annually and included for Council's approval in the applicable Capital Budgets.

During the setting of the development charge rates, the anticipated timing of receipts in relation to the infrastructure needs was evaluated. As a result, it was anticipated that certain Development Charges Reserve Funds would be "negative" over the period covered by the current rates. These shortfalls would be offset either by external borrowing ("DC Debt") for larger projects or internal borrowing for smaller projects; future debt payments (internal or external) would ultimately be collected from future rates (as these costs are fully self financed). Staff have been reviewing this information to ensure the appropriate documentation is included and approved by Council to issue the required debentures in 2022 (and beyond as necessary). A summary of the projected Development Charge Reserve Funds over the forecasted period is included in Appendix E. During the DC Update in 2018/2019, the relative development charge reserve fund balances were re-evaluated based on growth related infrastructure needs for new development.

CONCLUSION/RECOMMENDATIONS

Despite continued difficult economic times, from a long range sustainability perspective, the 2022 Tax Supported Capital Budget and Forecast maintains the County's financial flexibility and is based on sound fundamental financial principles. As an organization, despite the County's geographic size, limited tax base, constraints on development and the demands/issues resulting from restructuring, the County has made significant progress over the past years in developing a long range approach to capital budgeting. Continual improvements to the Capital Budget process will assist the County to better allocate resources and manage its significant investments in capital infrastructure.

By maintaining the current capital-related levy allocation to tax supported infrastructure, the County will achieve the following:

- Continued commitment to increase our investment in the County's infrastructure to ensure safe, reliable services to develop and grow our municipality;
- Maintain the County's credit rating based on current financial parameters while ensuring adequate reserves are available for future infrastructure replacements; and
- Limited increases in the use of debt to finance capital replacements, thereby maintaining flexibility to address infrastructure needs as they arise.

As indicated, although there is a recommended 1.0% increase to the capital levy in 2022, it is also noted that future increases will be required to maintain the current relative financial position. It must be reiterated, as well, that the full impacts of asset replacements are not captured within this proposed budget document (i.e. roads/bridges, parks and recreational facilities, and facility replacements/re-development). As the comprehensive replacement needs for the County are better understood, a more fiscally responsible asset management plan can be developed to balance debt and reserve funding (i.e. reduce the "infrastructure deficit").

It is, therefore, recommended that Council adopt the 2022 Tax Supported Capital Budget and Forecast to 2031 and the financing sources recommended therein. This will approve the specific capital projects outlined in 2022 and endorse, in principle, the projects from 2022 to 2031. A commitment to a pre-determined tax levy increase associated with this continued investment in capital infrastructure will provide for better long range planning and predictable annual capital levy increases for taxpayers. It is also recommended that the proposed increase(s) in annual contributions to specific capital replacement reserves, as outlined in Summary 2 in the Executive summary on page S2-1, be approved.

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Respectfully submitted: Mark Merritt, CPA, CA, Chief Financial Officer and General Manager of Financial & Data Services



Haldimand County



Haldimand

County

Summary 1

Project Changes Over \$100,000



2022 - 2031 Tax Supported Capital Budget
Project Changes Over \$100,000

	State of Good Repair/New Initiative	Explanation	Change Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total
Environmental Services														
Other Perpetual Care														
424008 - Tipping Floor Repairs/Resurfacing	State of Good Repair	Project identified in 2022 for construction in 2023 and every six years following.	Project Added		75,200						87,500			162,700
Total Other Perpetual Care					75,200						87,500			162,700
Tom Howe Perpetual Care														
428009 - Pneumatic Pumps	State of Good Repair	Pump replacement frequency changed to annually due to increased degradation of pumps noted, originally scheduled for replacement every three years.	Scope Increase	25,000	25,700	14,400	27,100	27,800	16,500	29,300	30,100	18,900	31,700	246,500
428022 - Tom Howe Flare System Replacement	State of Good Repair	Project reidentified in 2022. Original project 428020 approved in 2021, scope increased to include concrete pad. Cost split with Norfolk County.	Scope Increase	498,000										498,000
Total Tom Howe Perpetual Care				523,000	25,700	14,400	27,100	27,800	16,500	29,300	30,100	18,900	31,700	744,500
Urban Storm Sewer System														
495030 - FMBP Stormwater Management Pond Upgrade	New Initiative	Project identified in 2022. Pond is at capacity and upgrade is required to allow the remaining development of the FMBP. This project will be funded from the Industrial Park Land Sales Reserve Fund, with the intent of recovering this amount through a future local-servicing capital levy by-law as the remaining FMBP lands are developed.	Project Added	1,700,000										1,700,000
495026 - Inverness St - Caithness St to Sutherland [CIW] [R] [SS]	State of Good Repair	Project identified in 2022 for construction in 2025.	Project Added				103,700							103,700
495027 - Cross Street - Pine to Tamarac [CIW] [R] [SS]	State of Good Repair	Project identified in 2022 for construction in 2026.	Project Added					327,800						327,800
495029 - Caithness Street - Cameron to Argyle [CIW] [R] [SS]	State of Good Repair	Project identified in 2022 for construction in 2030.	Project Added									536,100		536,100
495031 - Nelles corners/old talbot road storm sewer rehab	State of Good Repair	Project identified for construction in 2022, to be co-ordinated with roadwork projects 373021 and 373022.	Project Added	100,000										100,000
495032 - Sutherland St E - Storm Sewer (R)	State of Good Repair	Project identified in 2022 for construction in 2024.	Project Added			420,300								420,300
Total Urban Storm Sewer System				1,800,000		420,300	103,700	327,800				536,100		3,187,900
Total Environmental Services				2,323,000	100,900	434,700	130,800	355,600	16,500	29,300	117,600	555,000	31,700	4,095,100
General Government														
Dunnville Multi-Purpose Facility														
174013 - DMPB - Repair Parking Lot	State of Good Repair	Project deferred from 2021, reidentified in 2023.	Project Shifted		190,000									190,000
Total Dunnville Multi-Purpose Facility					190,000									190,000
Fleet & Equipment Pool														
316051 - Diamond Boom Loader Attachment - Roads (2)	New Initiative	Project added to create efficiencies within the Roads Operation Division, allowing for each district to have its own as opposed to sharing resources. Two units were purchased in 2021 (Project 316041), remaining two to be purchased in 2022.	Project Added	300,000										300,000
Various Fleet Replacement Projects	State of Good Repair	2022 is removed and now identified as individual projects as required, or moved out in the forecast. Other years reflect shifts based on condition review and increases in capital costs for various classes, due to recent quotes. 2031 enters the 10 year forecast. Projects are funded through CRR-Fleet, maximizing the life allows for future savings and impacts the funds available in years identified.	Scope Increase	(491,000)	1,056,000	1,139,500	857,700	219,100	690,500	(300,900)	333,200	778,600	4,618,050	8,900,750
Total Fleet & Equipment Pool				(191,000)	1,056,000	1,139,500	857,700	219,100	690,500	(300,900)	333,200	778,600	4,618,050	9,200,750
General Administration Facilities														
171017 - FCA Capital Projects	State of Good Repair	Placeholder added to forecast to fund projects to be identified in 2026 building condition assessments. While this will negatively impact the forecast for CRR-General, it provides an allocation in order to plan for projects that will be identified.	Indexing Increases Only						197,100	239,500	283,000	327,600	1,873,300	2,920,500
180001 - Asset Management Program - 3 Year Extension	State of Good Repair	Project identified in 2022, as a continuation of project 171021. Additional consultant assistance is required to meet Ministry of Infrastructure AMP deadlines.	Project Added	67,000	68,700	70,400								206,100
Total General Administration Facilities				67,000	68,700	70,400			197,100	239,500	283,000	327,600	1,873,300	3,126,600
Information Systems														
136036 - Broadband Project Manager	New Initiative	Project manager to oversee broadband project - no longer needed.	Project Deleted	(123,600)	(123,950)	(123,600)	(123,950)							(495,100)



2022 - 2031 Tax Supported Capital Budget
Project Changes Over \$100,000

	State of Good Repair/New Initiative	Explanation	Change Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total
136016 - Laptops	State of Good Repair	Annual project - increase to create pool for loaner laptops starting in 2022, to be added to ongoing replacement schedule. Additional increases in 10-year related to annual 2.5% inflation increases in years 2023-2031.	Scope Increase	50,900	5,600	12,400	13,200	2,500	64,400	35,200	46,000	37,400	166,000	433,600
136027 - Servers	State of Good Repair	Increases in 10-year related to annual 2.5% inflation increases in years 2023-2031.	Indexing Increases Only				27,300	-				77,500		104,800
136028 - Desktop Software	State of Good Repair	Increase in 2022 related to one-time replacement of Microsoft Office Licenses. 2027-2031 increases related to switch-over from individual licenses to Office 365 subscription service.	Scope Increase	59,000					234,500	240,400	114,650	252,600	258,900	1,160,050
Total Information Systems				(13,700)	(118,350)	(111,200)	(83,450)	2,500	298,900	275,600	160,650	367,500	424,900	1,203,350
Kohler Fleet Garage														
318003 - Kohler Facility - Roof, Storage Addition, Office & Shop Renovation	New Initiative	Project deferred from 2021, reidentified in 2022. Increases related to supply chain cost increases for addition, renovation & roof replacement \$ 230,000, exhaust system in garage \$ 290,000, engineering \$ 50,000, infiltration & leak Remediation \$ 145,000, HVAC Replacement \$ 177,000, asphalt & sealing \$ 50,000	Project Shifted	938,000										938,000
Total Kohler Fleet Garage				938,000	-	-	-	-	-	-	-	-	-	938,000
Total General Government				800,300	1,196,350	1,098,700	774,250	221,600	1,186,500	214,200	776,850	1,473,700	6,916,250	14,658,700
Health Services														
Caledonia Ambulance Base														
542001 - Caledonia Paramedic Services Base	State of Good Repair	Project initiated in 2021, additional increase in 2022 for building costs related to pandemic-related supply-chain issues.	Price Increase	598,500										598,500
Total Caledonia Ambulance Base				598,500	-	-	-	-	-	-	-	-	-	598,500
Dunnville Ambulance Base														
546002 - Dunnville Paramedic Services Base	State of Good Repair	Increase in 2026 for building costs related to pandemic-related supply-chain issues.	Price Increase					662,600						662,600
Total Dunnville Ambulance Base				-	-	-	-	662,600	-	-	-	-	-	662,600
Paramedic Services Administration														
541015 - LTC Program - Medical Equipment	New Initiative	Project identified as per CIC Report EMS-04-2021, 100% funded from MOHLTC.	Project Added	100,000										100,000
541002 - Defibrillator Replacement	State of Good Repair	Increases in 10-year related to annual 2.5% inflation increases in years 2023-2031.	Indexing Increases Only	-	39,900				27,300	67,900				135,100
Total Paramedic Services Administration				100,000	39,900	-	-	-	27,300	67,900	-	-	-	235,100
Total Health Services				698,500	39,900	-	-	662,600	27,300	67,900	-	-	-	1,496,200
Protection Services														
Caledonia Fire Hall Station #1														
222001 - Caledonia Fire Station Replacement	State of Good Repair	Project initiated in 2021, additional increase in 2022 for building costs related to pandemic-related supply-chain issues.	Price Increase	1,206,700										1,206,700
Total Caledonia Fire Hall Station #1				1,206,700	-	-	-	-	-	-	-	-	-	1,206,700
Dunnville Fire Hall Station #9														
226007 - Dunnville Fire Station Replacement	State of Good Repair	Increase in 2026 for building costs related to pandemic-related supply-chain issues.	Price Increase					1,727,600						1,727,600
Total Dunnville Fire Hall Station #9				-	-	-	-	1,727,600	-	-	-	-	-	1,727,600
Fire General Administration														
221023 - Communications Paging Channel	New Initiative	Project identified in 2022 for purchase in 2023. To avoid pages being transmitted over the operating channel, potentially causing missed emergency transmissions.	Project Added	-	102,500									102,500
221024 - Radio Communications Life Cycle Planning	State of Good Repair	Project identified in 2022 based on life cycle planning developed in 2021. To be funded from CRR - General.	Project Added	20,000	20,000	-	25,000	35,000	22,750	100,000		80,000		302,750
221025 - Fire Community Risk Assessment/Fire Master Plan	State of Good Repair	Project identified in 2022, as legislated by the province of Ontario - required by 2024. Consulting firms are in high demand, additional risk in waiting to complete this project.	Project Added	100,000										100,000
Total Fire General Administration				120,000	122,500	-	25,000	35,000	22,750	100,000	-	80,000	-	505,250
Total Protection Services				1,326,700	122,500	-	25,000	1,762,600	22,750	100,000	-	80,000	-	3,439,550
Recreation & Cultural Services														
Cayuga Parks														



2022 - 2031 Tax Supported Capital Budget
Project Changes Over \$100,000

	State of Good Repair/New Initiative	Explanation	Change Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total
725009 - CAY - Skate Park/Tennis Court Replac.	State of Good Repair	Increase in 2024 for building costs related to pandemic-related supply-chain issues.	Price Increase	-		230,400								230,400
Total Cayuga Parks				-	-	230,400	-	-	-	-	-	-	-	230,400
Community Development & Partnerships														
791011 - Cayuga Library and Heritage Centre Parkette	New Initiative	Project identified in 2022 for construction in 2023.	Project Added		118,000									118,000
791012 - Village Green Park	New Initiative	Project identified in 2022 for construction in 2025.	Project Added				680,000							680,000
791013 - Former CAB Property	New Initiative	Project identified in 2022 for construction in 2028.	Project Added							950,000				950,000
791014 - Bob Baigent	New Initiative	Project identified in 2022 for construction in 2030.	Project Added									310,000		310,000
Total Community Development & Partnerships				-	118,000	-	680,000	-	-	950,000	-	310,000	-	2,058,000
Community Halls Partnership Program														
750057 - Hagersville Active Living Centre	New Initiative	Project re-prioritized from 2024. The engineering phase is scheduled for 2022 and is externally funded, while the construction phase is being scheduled for 2023. To offset this shift forward, Ward 4 Surface Treatment projects at 5th Line and 3rd Line are being shifted from 2023 to 2025.	Project Shifted	301,100	4,460,500	(4,539,400)								222,200
750047 - Cheapside C C - Replace Floor Joists	State of Good Repair	Project re-prioritized from 2024. The engineering phase is scheduled for 2022 and is externally funded, while the construction phase is being scheduled for 2023. To offset this shift forward, Ward 4 Surface Treatment projects at 5th Line and 3rd Line are being shifted from 2023 to 2025.	Project Shifted	(47,300)	102,500									55,200
Total Community Halls Partnership Program				253,800	4,563,000	(4,539,400)	-	-	-	-	-	-	-	277,400
Dunnville Pools														
766001 - DUNN - Pool Change House Replacement	State of Good Repair	Project deferred to 2025 based on completed building assessment with no structural concerns.	Project Shifted	(530,000)			570,800							40,800
Total Dunnville Pools				(530,000)	-	-	570,800	-	-	-	-	-	-	40,800
Hagersville Library														
773003 - Hagersville Library Replacement	State of Good Repair		Project Shifted	383,900	5,695,300	(5,786,200)								293,000
Total Hagersville Library				383,900	5,695,300	(5,786,200)	-	-	-	-	-	-	-	293,000
Hagersville Parks														
723007 - HAG - Replace skateboard park	State of Good Repair	Increase in 2025 for building costs related to pandemic-related supply-chain issues.	Price Increase	-		-	246,200							246,200
Total Hagersville Parks				-	-	-	246,200	-	-	-	-	-	-	246,200
Hagersville Pools														
763006 - HAG - Pool Change House Replacement	State of Good Repair	Project deferred to 2025 based on completed building assessment with no structural concerns.	Project Shifted			(530,000)	570,800							40,800
Total Hagersville Pools				-	-	(530,000)	570,800	-	-	-	-	-	-	40,800
Nanticoke Parks														
727002 - TOWN - Lions Park Washroom/Storage Repl	State of Good Repair	Project initiated in 2019. Scope increase in 2022 for additional building costs related to pandemic-related supply-chain issues.	Price Increase	205,000										205,000
Total Nanticoke Parks				205,000	-	-	-	-	-	-	-	-	-	205,000
Trails and Pathways														
721017 - Trails Master Plan Update	State of Good Repair	Project identified in 2022 for completion in 2023.	Project Added		100,000									100,000
Total Trails and Pathways				-	100,000	-	-	-	-	-	-	-	-	100,000
W. M. Memorial School Museum														
784013 - Wilson MacDonald - Accessible Front Ramp	New Initiative	Project identified in 2022 - 75% funded by grant from Employment and Social Development Canada.	Project Added	120,000										120,000
784010 - Roof Replacement	State of Good Repair	Project identified in 2022 for construction in 2028.	Project Added							145,000				145,000
Total W. M. Memorial School Museum				120,000	-	-	-	-	-	145,000	-	-	-	265,000



2022 - 2031 Tax Supported Capital Budget
Project Changes Over \$100,000

	State of Good Repair/New Initiative	Explanation	Change Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total
Total Recreation & Cultural Services				432,700	10,476,300	(10,625,200)	2,067,800	-	-	1,095,000	-	310,000	-	3,756,600
Social & Family Services														
GVL - Building & Property														
636041 - Replace 250kW back up generator	State of Good Repair	Project identified in 2022 - 100% Funded from COVID ICIP Stream.	Project Added	300,000										300,000
Total GVL - Building & Property				300,000	-	-	-	-	-	-	-	-	-	300,000
Total Social & Family Services				300,000	-	-	-	-	-	-	-	-	-	300,000
Transportation Services														
Bridge & Culvert (<3m) Maintenance														
339001 - Culvert Placement and Lining Rehabilitation	State of Good Repair	Increases in 10-year related to annual 2.5% inflation increases in years 2023-2031.	Indexing Increases Only	-	5,000	10,200	15,500	20,900	26,500	32,200	38,100	44,100	250,300	442,800
Total Bridge & Culvert (<3m) Maintenance				-	5,000	10,200	15,500	20,900	26,500	32,200	38,100	44,100	250,300	442,800
Bridges														
374037 - Cal-Argyle St Bridge Replacement (MTO)	New Initiative	Project re-prioritized from 2023 to 2024 due to results of OSIM Inspections.	Project Shifted	-	(1,340,000)	1,340,000								-
374021 - County Hwy 54 Bridge removal (985401)	State of Good Repair	Increases in 10-year related to annual 2.5% inflation increases in years 2023-2031.	Indexing Increases Only						159,700					159,700
374025 - Townline Bridge Replacement (D00005)	State of Good Repair	Project shifted from 2022 to 2025, and completion is contingent on receipt of Federal grant funding. Otherwise, project will not go ahead.	Project Shifted	(1,700,000)		1,830,700								130,700
374026 - Balmoral Bridge Replace (985301)	State of Good Repair	Increases in 10-year related to annual 2.5% inflation increases in years 2023-2031.	Indexing Increases Only							361,800				361,800
374044 - Cheapside Bridge Rehab (010004)	State of Good Repair	Project re-prioritized from 2026 to 2024 due to results of OSIM Inspections.	Project Shifted			525,300		(550,000)						(24,700)
374048 - County Road 29 Bridge Rehab (982901)	State of Good Repair	Project re-prioritized from 2025 to 2024 due to results of OSIM Inspections.	Project Shifted			715,700	(700,000)							15,700
374051 - Peart Bridge - River Rd Rehab (000032)	State of Good Repair	Project re-prioritized from 2024 to 2026 due to results of OSIM Inspections.	Project Shifted			(1,260,000)		1,370,100						110,100
374053 - Townline Bridge Replacement (D00004)	State of Good Repair	Increases in 10-year related to annual 2.5% inflation increases in years 2023-2031.	Indexing Increases Only						106,700					106,700
374054 - Hart Rd Bridge Rehab (D00002)	State of Good Repair	Project re-prioritized from 2024 to 2026 due to results of OSIM Inspections.	Project Shifted				265,200	(306,000)						(40,800)
374063 - Townline Road Bridge Walpole/Rainham (Rehab) 010001	State of Good Repair	Increases in 10-year related to annual 2.5% inflation increases in years 2023-2031.	Scope Increase							160,700				160,700
374075 - Lot 23 Concession 12 Townsend (Norfolk Project) (010045)	State of Good Repair	Project identified for 2022 - shared structure with Norfolk County, costs to be split 50/50.	Project Added	470,000										470,000
Total Bridges				(1,230,000)	(1,340,000)	1,321,000	1,395,900	514,100	106,700	320,400	361,800	-	-	1,449,900
Caledonia Urban Paving														
376061 - Cal- Sutherland Street East – Edinburgh East to Haller Cresc (S)	State of Good Repair	Scope of project increased due to additional design details and annual 2.5% inflation increases in years 2023-2031.	Price Increase			119,000								119,000
Total Caledonia Urban Paving				-	-	119,000	-	-	-	-	-	-	-	119,000
Culverts														
374038 - Nanticoke Rd Culvert Replace (975503)	State of Good Repair	Increases in 10-year related to annual 2.5% inflation increases in years 2023-2031.	Indexing Increases Only									129,700		129,700
374040 - Lowbanks Culvert (970311) Rehab	State of Good Repair	Increases in 10-year related to annual 2.5% inflation increases in years 2023-2031.	Indexing Increases Only		-		-	109,400						109,400
374064 - York Road Culvert (Replacement) 000039	State of Good Repair	Increases in 10-year related to annual 2.5% inflation increases in years 2023-2031.	Indexing Increases Only							211,100				211,100
374065 - Evans Creek Culvert (Replacement) 970308	State of Good Repair	Increases in 10-year related to annual 2.5% inflation increases in years 2023-2031.	Indexing Increases Only								111,500			111,500
374066 - Sandusk Creek Twin Culverts (Replacement) 975502	State of Good Repair	Increases in 10-year related to annual 2.5% inflation increases in years 2023-2031.	Indexing Increases Only									656,300		656,300



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	State of Good Repair/New Initiative	Explanation	Change Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total
374068 - Nanticoke Road Culvert Replacement (975501)	State of Good Repair	Increases in 10-year related to annual 2.5% inflation increases in years 2023-2031.	Indexing Increases Only									131,000		131,000
374070 - Box Culvert Lot 6/7 Replacement (985502)	State of Good Repair	Project no longer needed, works to be completed as part of Project 374066 above.	Project Deleted									(160,000)		(160,000)
Total Culverts				=	=	=	=	109,400	=	211,100	111,500	757,000	=	1,189,000
Gravel Road Conversion Program														
381093 - Conc 5 - Road 70 to Sandusk Road	New Initiative	Project identified in 2022, single surface treatment.	Project Added	240,000										240,000
381094 - Conc 5 - Sandusk Rd to Road 53	New Initiative	Project identified in 2022 for construction in 2023.	Project Added		225,500									225,500
Total Gravel Road Conversion Program				240,000	225,500	=	=	=	=	=	=	=	=	465,500
Hot Mix Resurfacing														
373019 - Haldimand Road 20 – Haldimand Rd 12 to Kohler Road	State of Good Repair	Project was re-estimated in 2022 resulting in a cost decrease.	Scope Change	(110,000)										(110,000)
373020 - Hald Rd 54- Ross St to Onondaga Townline Rd	State of Good Repair	Project was re-estimated in 2022 resulting in a cost increase.	Price Increase	210,000										210,000
373021 - Hald Rd 20 - Nelles Cors to Hald Rd 12	State of Good Repair	Project was re-estimated in 2022 resulting in a cost increase.	Price Increase	185,000										185,000
373022 - Hald Rd 20 - Hald Rd 53 to Nelles Cors	State of Good Repair	Project was re-estimated in 2022 resulting in a cost increase.	Price Increase	198,000										198,000
373023 - Hald Rd 54 - York North Limit to McClung	State of Good Repair	Project was re-estimated in 2023 resulting in a cost increase.	Price Increase		737,900									737,900
373024 - Haldimand Rd 54 - Indiana Rd to Indian St	State of Good Repair	Project re-prioritized from 2023 to 2024, and re-estimated resulting in a cost increase.	Project Shifted		(1,090,000)	1,786,000								696,000
373025 - Hald Rd 54 - York South Limit to Indiana	State of Good Repair	Project re-prioritized from 2023 to 2024, and re-estimated resulting in a cost increase.	Project Shifted		(1,025,000)	1,449,900								424,900
373027 - Front Street - York North Limit to South Limit	State of Good Repair	Project was re-estimated in 2023 resulting in a cost increase.	Price Increase		477,000									477,000
373028 - Hald Rd 55 - Rainham Rd to Conc 4 Walpole	State of Good Repair	Project shifted to 2032 as a result of Roads Needs Study re-prioritization.	Project Shifted			(2,300,000)	-						-	(2,300,000)
373029 - Haldimand Road 3 - Hald Rd 55 to Hald Rd 70	State of Good Repair	Project shifted to 2032 as a result of Roads Needs Study re-prioritization.	Project Shifted			(2,200,000)	-						-	(2,200,000)
373030 - Hawk St - Hald Rd 3 north to Nelson Steel entrance	State of Good Repair	Project shifted to 2032 as a result of Roads Needs Study re-prioritization.	Project Shifted			(250,000)	-						-	(250,000)
373032 - Mines Rd - Greens Rd E to Haldibrook Rd	State of Good Repair	Project re-prioritized from 2025 to 2026.	Project Shifted				(900,000)	993,400						93,400
373033 - Caistorville Rd - Hald/Dunn Townline to Niagara	State of Good Repair	Project re-prioritized from 2025 to 2026, and re-estimated resulting in a cost increase.	Project Shifted			(774,000)	940,400							166,400
373034 - Kohler Rd - Irish Line to Hwy #3	State of Good Repair	Project re-prioritized from 2025 to 2026.	Project Shifted			(520,000)	574,000							54,000
373035 - Parkview Rd - Main St to King St	State of Good Repair	Project re-prioritized from 2025 to 2026, and re-estimated resulting in a cost increase.	Project Shifted			(400,000)	861,000							461,000
373036 - King Street East - Parkview Rd to Urban Limits	State of Good Repair	Project re-prioritized from 2025 to 2026, and re-estimated resulting in a cost increase.	Project Shifted			(160,000)	449,300							289,300
373037 - Port Maitland Rd - Rainham Rd to Lighthouse Dr	State of Good Repair	Project re-prioritized from 2026 to 2025, and re-estimated resulting in a cost increase.	Project Shifted			-	1,884,600	(1,480,000)	-					404,600
373038 - Caistorville Rd-Hald Rd 14 to Hald/Dunn Twnl	State of Good Repair	Increases in 10-year related to annual 2.5% inflation increases in years 2023-2031.	Indexing Increases Only				-	157,900	-					157,900
373039 - Hald Rd 27 - Hald Rd 20 to Sandusk	State of Good Repair	Project no longer needed, works were completed in 2020 with funding from MTO.	Project Deleted					(1,055,000)						(1,055,000)
373040 - Rainham Rd - Hald Rd 49 to Hald/Dunn Twnl	State of Good Repair	Project re-prioritized from 2026 to 2025, and re-estimated resulting in a cost increase.	Project Shifted			-	861,500	(800,000)	-					61,500
373041 - Hald Rd 12 - Rainham Rd to Fisherville Town Limits	State of Good Repair	Increases in 10-year related to annual 2.5% inflation increases in years 2023-2031.	Indexing Increases Only					-	177,400	-				177,400



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Project Changes Over \$100,000

	State of Good Repair/New Initiative	Explanation	Change Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total
373042 - Haldimand Rd 55 - Rd 9 to Rd 20	State of Good Repair	Project was re-estimated in 2027 resulting in a cost increase.	Price Increase					-	406,600	-				406,600
373043 - Hald Rd 12 - Fisherville Town Limits to Hald Rd 20	State of Good Repair	Project was re-estimated in 2027 resulting in a cost increase.	Price Increase					-	272,400	-				272,400
373044 - Haldimand Rd 70 - Hwy 3 to Hwy 6	State of Good Repair	Project re-prioritized from 2027 to 2028, and re-estimated resulting in a cost increase.	Project Shifted						(500,000)	1,159,600				659,600
373045 - Haldimand Hwy 56 - Hwy 3 to Haldbrook Rd	State of Good Repair	Project was re-estimated in 2028 resulting in a cost increase.	Price Increase					-	1,137,400	-				1,137,400
373046 - Hutchinson Rd - N Shore to Canal Bank Rd	State of Good Repair	Project re-prioritized from 2028 to 2029, and re-estimated resulting in a cost increase.	Project Shifted					-	(1,010,000)	1,545,300				535,300
373047 - Caledonia - Industrial Drive	State of Good Repair	Project re-prioritized from 2028 to 2029.	Project Shifted						(200,000)	237,700				37,700
373048 - River Road - Caledonia to Haldimand Road 9	State of Good Repair	Project re-prioritized from 2029 to 2030, and re-estimated resulting in a cost increase.	Project Shifted						-	(1,175,000)	1,669,200			494,200
373049 - Hald Rd 55 Hwy 6 to Hald Rd 9	State of Good Repair	Project was re-estimated in 2029 resulting in a cost increase.	Price Increase						-	542,300	-			542,300
373050 - Brooklin Road - South Coast to Hald Rd 3	State of Good Repair	Project was re-estimated in 2029 resulting in a cost increase.	Price Increase						-	309,900	-			309,900
373054 - Hald Rd 9 Third Line to Hald Hwy 54	State of Good Repair	Project was re-estimated in 2030 resulting in a cost increase.	Price Increase							-	603,300	-		603,300
373055 - Robinson Road - Hwy #3 to Bird Road	State of Good Repair	Project identified in 2022 for construction in 2025.	Project Added			-	936,900	-						936,900
373058 - Front Street - York Road widening	State of Good Repair	Project identified in 2022 for construction in 2023.	Project Added		358,800									358,800
373059 - Field Road LEIP	State of Good Repair	Project no longer needed, works to be completed as part of Project 373030.	Project Deleted									(131,000)	-	(131,000)
Total Hot Mix Resurfacing				483,000	(541,300)	(1,514,100)	929,000	641,000	356,400	1,087,000	1,460,200	2,141,500	-	5,042,700
Jarvis Urban Paving														
376170 - Hawk Street LEIP	State of Good Repair	Project no longer needed, works to be completed as part of Project 373030.	Project Deleted									(250,000)	-	(250,000)
Total Jarvis Urban Paving				-	-	-	-	-	-	-	-	(250,000)	-	(250,000)
Miscellaneous Construction														
375018 - Caledonia Decorative Crosswalks	New Initiative	Project deferred to 2025 to align with Argyle Street Bridge Project 374037.	Project Shifted		-	(132,000)	142,100							10,100
375032 - Pedestrian Crossover	New Initiative	Project identified in 2022, to be completed over two years, with one crossover per ward per year.	Project Added	240,000	246,000									486,000
375002 - Excess Soils Management Program	State of Good Repair	Project identified in 2022. New provincial regulations require additional management and handling of excess soils on municipal infrastructure projects.	Project Added	150,000	153,800	157,600	161,500	165,600	169,700	174,000	178,300	182,800	187,300	1,680,600
375019 - Caledonia Downtown Municipal Parking Lot Paving	State of Good Repair	Project re-prioritized from 2024 to 2025.	Project Shifted		-	(285,000)	306,900							21,900
Total Miscellaneous Construction				390,000	399,800	(259,400)	610,500	165,600	169,700	174,000	178,300	182,800	187,300	2,198,600
Municipal Drain Maintenance														
378077 - Jarvis 1 Maintenance	State of Good Repair	Project scope increase related to retaining wall replacement near Mary St in 2025.	Scope Increase				134,600			8,400				143,000
Total Municipal Drain Maintenance				-	-	-	134,600	-	-	8,400	-	-	-	143,000
Municipal Drain Construction														
379005 - Middaugh Drain Phase 1 - Construction (16)	New Initiative	Project re-prioritized from 2022 to 2024.	Project Shifted	(157,700)		165,700								8,000
379010 - Middaugh Drain Phase 2 - Construction	New Initiative	Project re-prioritized from 2023 to 2025.	Project Shifted	-	(101,800)		109,600							7,800
Total Municipal Drain Construction				(157,700)	(101,800)	165,700	109,600	-	-	-	-	-	-	15,800
Retaining Walls														



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	State of Good Repair/New Initiative	Explanation	Change Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total
374029 - 240-246 Caithness St W - Retaining Wall Repl (10)	State of Good Repair	Project re-prioritized from 2024 to 2022.	Project Shifted	170,000		(170,000)								-
374034 - 62-48 Caithness St W - Retaining Wall Repl (13)	State of Good Repair	Project re-prioritized from 2022 to 2023, and re-estimated resulting in a cost increase.	Project Shifted	(470,000)	649,900									179,900
374042 - 286 Caithness St E - Retaining Wall Repl (17)	State of Good Repair	Project re-prioritized from 2023 to 2025.	Project Shifted		(170,000)	-	204,600							34,600
374076 - 132-156 Sutherland Street East - Retaining Wall Replacement (R)	State of Good Repair	Project identified in 2022 for construction in 2024.	Project Added			215,400	-							215,400
Total Retaining Walls				(300,000)	479,900	45,400	204,600	-	-	-	-	-	-	429,900
Road Reconstruction														
372052 - Future Road Reconstruction	State of Good Repair	Placeholder project no longer needed, as specific projects have been identified throughout the 10-Year Forecast.	Project Deleted				(325,000)	(325,000)	(325,000)	(325,000)	(325,000)	(325,000)	(325,000)	(2,275,000)
372054 - Peel St - Walpole to East End [CIW] [R]	State of Good Repair	Project identified in 2022. Engineering in 2022, construction in 2024.	Project Added	10,000		92,500								102,500
372055 - Peel St E - Main to Walpole [CIW] [R]	State of Good Repair	Project identified in 2022. Engineering in 2022, construction in 2024.	Project Added	10,000		108,200								118,200
372059 - Inverness St - Sutherland to Orkney [CIW] [R]	State of Good Repair	Project identified in 2022 for construction in 2025.	Project Added				113,100							113,100
372060 - Sutherland St W - Shetland to Inverness [CIW] [R]	State of Good Repair	Project identified in 2022 for construction in 2025.	Project Added				107,700							107,700
372061 - Cross Street - Pine to Tamarac [CIW] [R] [SS]	State of Good Repair	Project identified in 2022 for construction in 2026.	Project Added					298,000						298,000
372063 - George Street - Cross North to End [CIW] [R]	State of Good Repair	Project identified in 2022 for construction in 2027.	Project Added						221,200					221,200
372070 - Fairfield Dr - Elm to Hunter [CIW] [R]	State of Good Repair	Project identified in 2022 for construction in 2029.	Project Added								178,300			178,300
372072 - Hunter St - King to Church (Fairfield to Church) [CIW] [R]	State of Good Repair	Project identified in 2022 for construction in 2029.	Project Added								118,900			118,900
372074 - Elm Ave - Fairfield to Hunter [CIW] [R]	State of Good Repair	Project identified in 2022 for construction in 2029.	Project Added								136,700			136,700
372075 - Caithness Street - Cameron to Argyle [CIW] [R] [SS]	State of Good Repair	Project identified in 2022 for construction in 2030.	Project Added									487,400		487,400
372077 - Nairne St - Sutherland to Orkney [CIW] [R]	State of Good Repair	Project identified in 2022 for construction in 2030.	Project Added									131,000		131,000
372085 - Broad St West Extension	State of Good Repair	Project identified in 2022 for construction in 2026.	Project Added					237,300						237,300
372086 - Peel St E - Craddock to End [CIW] [R]	State of Good Repair	Project identified in 2022. Engineering in 2022, construction in 2024.	Project Added	10,000		92,500								102,500
Total Road Reconstruction				30,000	-	293,200	(104,200)	210,300	(103,800)	(325,000)	108,900	293,400	(325,000)	77,800
Roads Administration														
321003 - Roads Service Model Review	New Initiative	Project identified in 2022. Consulting services for initial review, related to project 322022.	Project Added	100,000										100,000
Total Roads Administration				100,000	-	-	-	-	-	-	-	-	-	100,000
Roads Facilities														
322022 - Roads Operations Service Model Review & Implementation (County-Wide)	New Initiative	Increases in 10-year related to annual 2.5% inflation increases in years 2023-2031.	Indexing Increases Only				544,700							544,700
Total Roads Facilities				-	-	-	544,700	-	-	-	-	-	-	544,700
Signage and Safety Devices														
339003 - Post and 3 Cable Guiderail Replacement Program	State of Good Repair	Annual project identified in 2022. Years 2022-2024 will require additional funding to co-ordinate works with existing roads projects, and years 2025-2026 will not have any works as a result. \$250K per year starting in 2027 plus increases of 2.5% for anticipated inflation for the remainder of the 10-Year forecast.	Project Added	500,000	1,537,500	525,300	-	-	282,900	289,900	297,200	304,600	312,200	4,049,600
Total Signage and Safety Devices				500,000	1,537,500	525,300	-	-	282,900	289,900	297,200	304,600	312,200	4,049,600



2022 - 2031 Tax Supported Capital Budget
Project Changes Over \$100,000

	State of Good Repair/New Initiative	Explanation	Change Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total
Surface Treatment Program														
383032 - South Coast - Brooklyn Rd to Sandusk Rd	State of Good Repair	Project was re-estimated in 2023 resulting in a cost increase.	Price Increase		236,700									236,700
383041 - 5th Line Oneida - Hald Rd 9 to McKenzine Rd	State of Good Repair	Project re-prioritized from 2023 to 2025. This shift is in conjunction with Project 383050 to allow for the acceleration of the Hagersville Library and Active Living Centre Projects. Shifting these two projects balances out the workload, maintatins a consistent funding in the surface treatment program from 2023-2025, and is operationally feasible from a proximity of other work.	Project Shifted		(150,000)		161,500							11,500
383050 - 3rd Line Oneida - McKenzie Rd to 1st Row	State of Good Repair	Project re-prioritized from 2023 to 2025. This shift is in conjunction with Project 383041 to allow for the acceleration of the Hagersville Library and Active Living Centre Projects. Shifting these two projects balances out the workload, maintatins a consistent funding in the surface treatment program from 2023-2025, and is operationally feasible from a proximity of other work.	Project Shifted		(200,000)		215,400							15,400
383052 - South Coast Drive - Sandusk Rd to Texaco Underpass	State of Good Repair	Project was re-estimated in 2023 resulting in a cost increase.	Price Increase		189,500									189,500
383076 - Conc 13 Walpole - Hald Rd 20 to Hald Rd 55	State of Good Repair	Project re-prioritized from 2025 to 2022, and re-estimated resulting in a cost increase.	Project Shifted	375,000			(250,000)	-						125,000
383080 - South Coast Drive - Brooklyn Road to Cheapside Rd	State of Good Repair	Project re-prioritized from 2024 to 2023, and re-estimated resulting in a cost increase.	Project Shifted		218,300	(100,000)		-						118,300
383085 - Sandusk Rd - Highway 6 to Hald Rd 20	State of Good Repair	Project was re-estimated in 2025 resulting in a cost increase, based on recommendations from report ECW-01-2021.	Price Increase				873,000		-					873,000
383147 - Townline Road W - Hald Road 20 to River Road	State of Good Repair	Increases in 10-year related to annual 2.5% inflation increases in years 2023-2031.	Indexing Increases Only							111,800				111,800
383182 - Mcclung Rd - Rd 66 to Haldibrook Rd	State of Good Repair	Project identified in 2022 for construction in 2030.	Project Added									762,700	-	762,700
Total Surface Treatment Program				375,000	294,500	(100,000)	999,900	-	-	111,800	-	762,700	-	2,443,900
Total Transportation Services				430,300	959,100	606,300	4,840,100	1,661,300	838,400	1,909,800	2,556,000	4,236,100	424,800	18,462,200
Total Tax Supported Departments				6,311,500	12,895,050	(8,485,500)	7,837,950	4,663,700	2,091,450	3,416,200	3,450,450	6,654,800	7,372,750	46,208,350



Haldimand County



Haldimand

County

Summary 2

Net Capital Financing from Tax Rates



2022 Capital Budget & Forecast
Net Capital Financing From Tax Rates

CAPITAL SUMMARY 2

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
DEBT CHARGES (Existing Debt)											
- Gross debt repayments	4,558,022	4,439,618	4,321,935	3,903,674	3,794,352	3,687,266	3,030,574	2,097,140	1,933,754	1,725,737	1,663,234
- Development related debt repayments	991,009	1,030,890	1,007,780	836,004	817,079	798,740	597,294	486,663	471,816	390,007	376,816
- CVF related debt repayments	140,366	137,582	134,798	132,056	129,230	126,446	123,662	120,889	118,094		
- Less funding from:											
- MOHLTC (GVL)	(483,550)	(483,550)	(483,550)	(484,880)	(483,550)	(451,180)	(415,781)	0	0	0	0
- Development Charges Reserve Fund	(991,009)	(1,030,890)	(1,007,780)	(836,004)	(817,079)	(798,740)	(597,294)	(486,663)	(471,816)	(390,007)	(376,816)
- CVF	(140,366)	(137,582)	(134,798)	(132,056)	(129,230)	(126,446)	(123,662)	(120,889)	(118,094)	0	0
Net Existing Debt Charges	4,074,472	3,956,068	3,838,385	3,418,794	3,310,802	3,236,086	2,614,793	2,097,140	1,933,754	1,725,737	1,663,234
DEBT CHARGES (Proposed Debt for Active Projects)	0	0	498,430	486,860	475,530	463,720	452,160	440,590	429,130	417,450	405,880
DEBT CHARGES (Proposed Debt for Development Related Active Projects)	0	0	934,120	912,436	891,200	869,070	847,390	825,710	804,240	782,350	760,670
OFFSETTING FUNDING for Development Related Active Projects	0	0	(934,120)	(912,436)	(891,200)	(869,070)	(847,390)	(825,710)	(804,240)	(782,350)	(760,670)
DEBT CHARGES (Proposed New Debt)	0	0	173,670	172,860	170,940	1,256,850	1,981,800	1,934,760	1,886,420	1,838,850	1,791,390
DEBT CHARGES (Proposed New Debt for Development Related Projects)	0	0	59,320	678,570	835,300	815,510	973,960	949,960	925,850	901,930	878,130
OFFSETTING FUNDING for New Development Related Projects	0	0	(59,320)	(678,570)	(835,300)	(815,510)	(973,960)	(949,960)	(925,850)	(901,930)	(878,130)
DEBT CHARGES (Proposed CVF Related Projects)	0	0	0	0	0	0	0	0	0	0	0
OFFSETTING FUNDING for Proposed CVF Related Projects	0	0	0	0	0	0	0	0	0	0	0
DEBT CHARGES SUB-TOTAL	0	0	672,100	1,207,720	1,179,470	1,720,570	2,433,960	2,375,350	2,315,550	2,256,300	2,197,270
TOTAL DEBT CHARGES	4,074,472	3,956,068	4,510,485	4,626,514	4,490,272	4,956,656	5,048,753	4,472,490	4,249,304	3,982,037	3,860,504
CAPITAL REPLACEMENT RESERVES											
- Budgeted contribution - Fleet	2,718,260	3,425,860	3,494,380	3,564,260	3,635,550	3,708,260	3,782,430	3,858,090	3,935,260	4,013,970	4,094,250
- Budgeted contribution - Roads Infrastructure	9,194,550	9,194,550	9,194,550	9,194,550	9,194,550	9,194,550	9,194,550	9,194,550	9,194,550	9,194,550	9,194,550
- Budgeted contribution - General	2,996,910	3,310,970	3,376,340	3,443,020	3,511,030	3,580,400	3,651,160	3,723,330	3,796,950	3,872,040	3,948,630
- Budgeted contribution - Storm Sewer	552,030	563,070	574,330	585,820	597,540	609,490	621,680	634,110	646,790	659,730	672,920
- Budgeted contribution - IT	695,500	709,410	723,600	738,070	752,830	767,890	783,250	798,920	814,900	831,200	847,820
- Budgeted contribution - Other	451,680	451,680	451,680	451,680	451,680	451,680	451,680	451,680	451,680	451,680	451,680
- Budgeted contribution - Municipal Drains	54,250	58,145	59,305	60,495	61,705	62,935	64,195	65,475	66,785	68,125	69,485
- Budgeted contribution - Community Partnership Capital Program				150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000
Net Transfers to Capital Reserves	16,663,180	17,713,685	17,874,185	18,187,895	18,354,885	18,525,205	18,698,945	18,876,155	19,056,915	19,241,295	19,429,335
ADDITIONAL RESERVE CONTRIBUTIONS											
- addtnl contrib. required for new initiative projects identified in Operating Impacts appendix for fleet, IS and General funding	153,180	107,950	107,950	107,950	107,950	107,950	107,950	107,950	107,950	107,950	107,950
- addtnl contrib. to CRR - Community Halls to accommodate new information provided by Building Condition Assessments	200,000	150,000	100,000	80,000	60,000	50,000	40,000	30,000	20,000	10,000	0
- addtnl contrib. to Library Reserve Fund to offset anticipated shortfall	0	0	0	0	0	0	0	0	0	0	0
- reallocate from CRR-Storm Sewer to CRR-General	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)
- addtnl contrib to CRR - General to offset increase in number of facility related projects	320,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
- Increase/(Decrease) to various reserves, distributed based on 2% of annual contribution, with the remaining balance contributed to CRR-Roads Infrastructure	(1,014,076)	(1,005,447)	(944,864)	(629,102)	85,650	184,446	654,109	1,757,060	1,809,486	1,902,373	1,845,866
Additional Annual Contributions to Reserve	(390,896)	(597,497)	(586,914)	(291,152)	403,600	492,396	952,059	2,045,010	2,087,436	2,170,323	2,103,816
TOTAL CONTRIBUTION TO RESERVES	16,272,284	17,116,188	17,287,271	17,896,743	18,758,485	19,017,601	19,651,004	20,921,165	21,144,351	21,411,618	21,533,151
TOTAL CAPITAL-RELATED FINANCING	20,346,756	21,072,256	21,797,756	22,523,257	23,248,757	23,974,257	24,699,757	25,393,655	25,393,655	25,393,655	25,393,655
IMPACT ON TAX LEVY:											
Total Capital Related Expenditure Requirement	20,346,756	21,072,256	21,797,756	22,523,257	23,248,757	23,974,257	24,699,757	25,393,655	25,393,655	25,393,655	25,393,655
\$ Impact on Tax Levy	698,000	725,500	725,500	725,500	725,500	725,500	725,500	693,898	0	0	0
Estimated Levy	0.00% increase										
% Impact on Tax Rates based Levy	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	0.96%	0.00%	0.00%	0.00%

TOTAL CAPITAL-RELATED EXPENDITURES AS % OF TOTAL LEVY	28.04%	29.04%	30.04%	31.04%	32.04%	33.04%	34.04%	35.00%	35.00%	35.00%	35.00%
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NOTE: Existing Debt made up of payments required for Grandview Lodge(2008-2027, 2014-2028), HCCC (2014-2023), Dunnville and Cayuga Arenas (2014-2033), Lowbanks Fire Hall/Community Centre (2014-2023), Hagersville Fire/EMS (2017-2026), Cayuga Fire/EMS (2017-2026), South Haldimand Fire Station (2017-2026), Caledonia Lions Hall (2017-2026), Dunnville Library DC (2018-2027), Cayuga Library (2020-2029), Haldimand County Administration Building (2020-2039), and CNR Train Bridge Conversion (2020-2029). Proposed New Debt for Active Projects includes the following active capital project: Caledonia Fire/EMS Station (2023-2032). Proposed New Development Related Debt for Active Projects includes the following active capital projects: Caledonia Arterial Road (2023-2032) and Caledonia Fire/EMS Station (2023-2032). New Debt is also proposed for Caledonia Fire/EMS Station (2023-2032), Hagersville Library (2025-2033), and Dunnville Fire/EMS Station (2027-2036). New Development Related Debt is also proposed for Caledonia Fire Station (2023-2032), Caledonia EMS Base (2023-2032), Caledonia Argyle Bridge (2025-2034), Hagersville Library Replacement (2025-2034), Hagersville Active Living Centre (2025-2034), and Dunnville Fire Station (2027-2036).



Haldimand
County

Summary 3

Coordinated Projects



Haldimand County **Coordinated Projects**
FOR THE YEARS 2022 to 2031

Project	Timing	TAX CAPITAL						WATER AND WASTEWATER CAPITAL				Project Total
		Roads 2021 Open Projects	Roads 10 Year Forecast	Storm 2021 Open Projects	Storm 10 Year Forecast	Other 2021 Open Projects	Other 10 Year Forecast	Water 2021 Open Projects	Water 10 Year Forecast	Wastewater 2021 Open Projects	Wastewater 10 Year Forecast	
Caledonia												
Master Servicing Plan	2021, 2026	150,000	55,200	33,600	33,200	-	-	50,000	50,000	50,000	50,000	472,000
Fire Station Replacement & EMS Base (including vehicles)	2021, 2022		-		-	6,633,000	1,805,200		-		-	8,438,200
East Edinburgh Square - Caithness to Sutherland	2021-2022	20,000	155,000		-		-	20,000	200,000	30,000	285,000	710,000
West Edinburgh Square - Caithness to Sutherland	2021-2022	20,000	155,000		-		-	20,000	195,000	25,000	-	415,000
Sutherland - Argyle to E Edinburgh Sq	2021-2022	20,000	285,000		-		-	20,000	215,000		370,000	910,000
Caithness St - West Edinburgh Square to Nairne St	2021-2022	20,000	75,000		-		-		-	25,000	155,000	275,000
Nairne St - Caithness St - End	2021-2022	20,000	140,000		-		-		-	15,000	145,000	320,000
Hald Rd 54 - Ross to Onondaga Twn Line	2022		1,360,000		-		75,000		-		-	1,435,000
Sutherland St E - Edinburgh E to Haller Cres	2024		393,000		420,300		-		-		-	813,300
Aberdeen St - Burke to Sutherland	2025		53,800		-		-		115,300		-	169,100
Gypsum Ave - Argyle to End	2025		75,400		82,900		-		161,300		-	319,600
Inverness St - Caithness to Orkney	2025		207,300		103,700		-		443,600		-	754,600
Sutherland St W - Shetland to Inverness	2025		107,700		-		-		230,500		-	338,200
Caithness Street - Cameron to Argyle	2030		487,400		536,100		-		1,023,300		-	2,046,800
Shetland St - Caithness St to Sutherland	2030		97,500		-		-		208,500		-	306,000
Nairne St - Sutherland to Orkney	2030		131,000		-		-		280,300		-	411,300
Cayuga												
Master Servicing Plan	2024, 2030		68,200		34,100		-		-		-	202,300
Ouse St N - Talbot to Cayuga St N	2022		175,000		-		-		195,000		50,000	370,000
Kerr St E - Winniet to 100 m west of Winniet	2022		80,000		-		-		100,000		-	180,000
Norton St E - Winniet to 60 m west of Winniet	2022		40,000		-		-		60,000		-	100,000
Norton St W - Ottawa St west to end	2022		50,000		-		-		100,000		-	150,000
Kerr St W - Ottawa St to Munsee	2022		105,000		-		-		120,000		-	225,000
Mohawk St E - Winniet east to end	2022		150,000		-		-		200,000		-	350,000



Haldimand County **Coordinated Projects**
FOR THE YEARS 2022 to 2031

Project	Timing	TAX CAPITAL						WATER AND WASTEWATER CAPITAL				Project Total
		Roads 2021 Open Projects	Roads 10 Year Forecast	Storm 2021 Open Projects	Storm 10 Year Forecast	Other 2021 Open Projects	Other 10 Year Forecast	Water 2021 Open Projects	Water 10 Year Forecast	Wastewater 2021 Open Projects	Wastewater 10 Year Forecast	
River Road - Hwy 3 to Sutor	2024		1,344,800		105,100		756,500		-		-	2,206,400
Mohawk Street W - Munsee to Ottawa	2027-2028		73,500		-		-		161,300		-	234,800
Norton Street West - Munsee to Ottawa	2028		75,400		-		-		161,300		-	236,700
Mohawk St E - Munsee to Winnet	2028		72,500		-		-		155,100		-	227,600
Ottawa St N - Talbot to Mohawk	2028		121,800		-		-		260,700		-	382,500
Talbot St W - Alley behind Back 40	2028		36,200		-		-		155,100		-	191,300
Dunnville												
Master Servicing Plan	2023, 2029		66,500		66,500		-		60,000		60,000	253,000
Alley way - Broad to Central Lane	2023		51,300		-		-		205,200		-	256,500
Main St E - 710 Main E to 50 m south	2023		20,500		-		-		71,800		-	92,300
Fire Station Replacement & EMS Base	2026		-		-		7,230,200		-		-	7,230,200
Cross St W - Eliz Cr to Tamarac	2026		372,500		409,800		-		797,300		-	1,579,600
George St - Cross - North to End	2027		221,200		-		-		946,700		-	1,167,900
Bridge Street - Queen to Maple	2030-2031		58,400		-		-		87,000		-	145,400
Chestnut ST W - South Cayuga to Alder	2031		84,300		-		-		180,400		-	264,700
Lock St - Cedar to Queen	2031		118,600		-		-		254,000		-	372,600
Queen Street- Chestnut to Maple	2031		103,000		-		-		142,900		-	245,900
Main St W - George - West to Cemetary	2031		187,300		-		-		400,800		-	588,100
Hagersville												
Master Servicing Plan	2022, 2028		64,800		32,400		-		60,000		60,000	217,200
Nelles Corners - Hald Rd 20 - Hald Rd 53 to Hald Rd 12	2022		1,500,000		100,000		-		-		-	1,600,000
Victoria St - Tuscarora to Main St N	2023		205,000		-		-		307,600		-	512,600
Foundry St - Tuscarora to end	2023		41,000		-		-		112,700		-	153,700
Hagersville Library and Active Living Centre	2023-2024		-		-		10,840,800		-		-	10,840,800
Elm Ave - Sherring to Hunter	2029		208,000		-		-		445,200		-	653,200
Fairfield Dr - Elm to Hunter	2029		178,300		-		-		381,500		-	559,800
Hunter St - Fairfield to Church	2029		172,400		-		-		381,600		-	554,000
Jarvis												
Master Servicing Plan	2025, 2031		35,000		35,000		-		46,500		34,900	151,400
Walpole St - Monson to Talbot	2022-2024		167,300		435,300		-		354,500		-	957,100



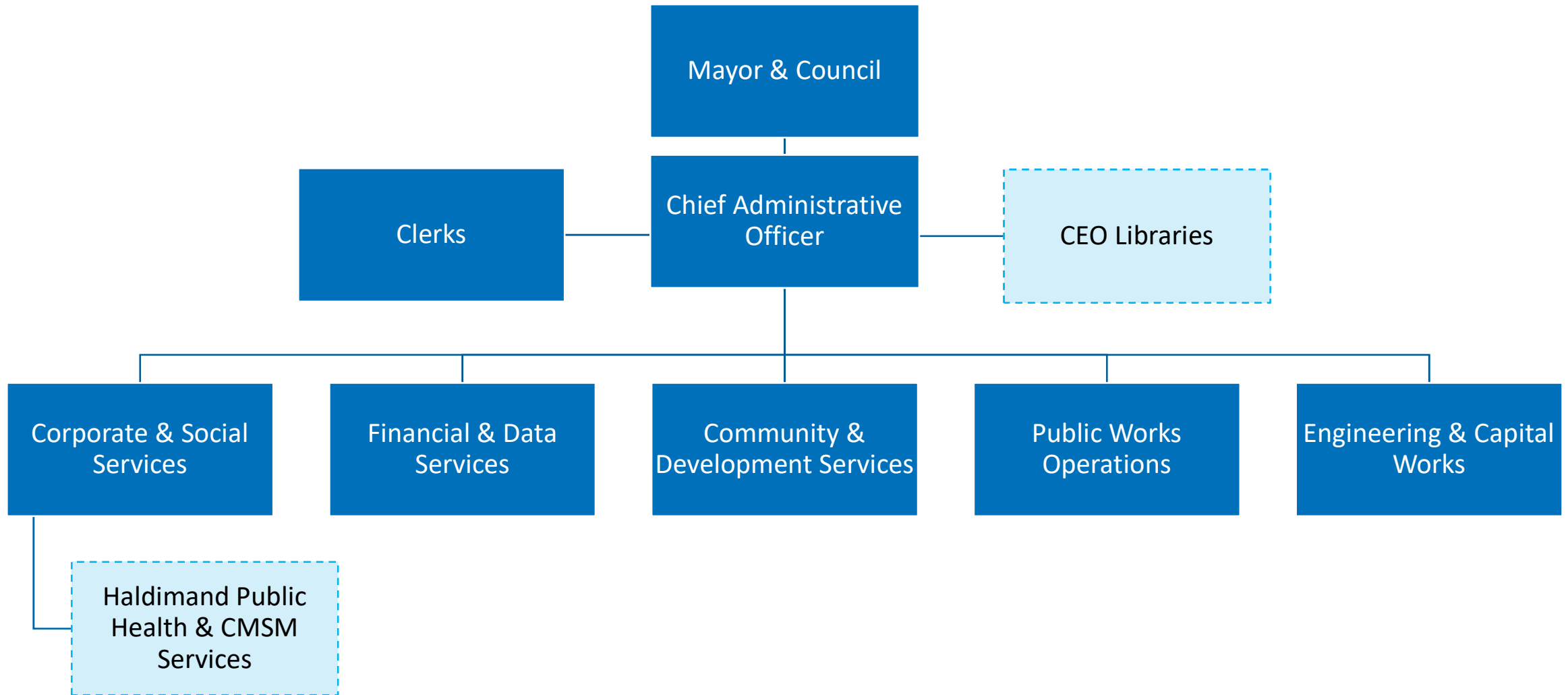
Haldimand County **Coordinated Projects**
FOR THE YEARS 2022 to 2031

Project	Timing	TAX CAPITAL						WATER AND WASTEWATER CAPITAL				Project Total
		Roads 2021 Open Projects	Roads 10 Year Forecast	Storm 2021 Open Projects	Storm 10 Year Forecast	Other 2021 Open Projects	Other 10 Year Forecast	Water 2021 Open Projects	Water 10 Year Forecast	Wastewater 2021 Open Projects	Wastewater 10 Year Forecast	
Keen St	2022-2024		52,000		-		-		99,900		-	151,900
Peel St E - Main to Craddock	2022-2024		323,200		-		-		671,100		-	994,300
Lake Erie Industrial Park												
Master Servicing Plan	2021, 2027	50,000	56,600	30,000	34,000		-	50,000	50,000	50,000	50,000	370,600
County Wide												
Asbestos Annual Inspection and Remediation	2021-2031		-		-	9,500	106,500	3,100	34,800	4,000	44,800	202,700
CCTV Inspection Program	2021-2031		-	25,000	280,100		-		-	60,000	630,100	995,200
Facility Condition Assessments	2021-2031		-		-		-	83,900	110,500	44,200	138,400	377,000
Project Management Support	2022-2026		-		-		-		350,000		350,000	700,000
Roads Operations Service Model Review & Implementation	2022, 2025		-		-		7,719,700		-		-	7,719,700
SCADA Master Plan	2021, 2026		-		-		-	70,000	38,600	70,000	38,600	217,200
SCADA Maintenance	2021-2031		-		-		-	73,900	336,400	25,800	224,100	660,200
SCADA Technical Support	2021-2031		-		-		-	120,300	448,200	77,400	448,200	1,094,100
Total - Tax Supported Capital Departments		300,000	10,457,900	88,600	2,708,500	6,642,500	28,533,900	511,200	12,216,500	476,400	3,134,100	65,069,600

Note - does not include prior year closed projects or prior year open projects with no impact in 2022-2031.



Governance





Council & Senior Management

Haldimand County Council 2018-2022

	Mayor	Ken Hewitt
Ward 1	Stewart Patterson	Ward 4 Tony Dalimonte
Ward 2	John Metcalfe	Ward 5 Rob Shirton
Ward 3	Dan Lawrence	Ward 6 Bernie Corbett

Haldimand County Senior Management

Craig Manley	Chief Administrative Officer	Mike Evers	General Manager, Community & Development Services
Cathy Case	General Manager, Corporate & Social Services	Phil Mete	General Manager, Public Works Operations
Mark Merritt	General Manager, Financial & Data Services	Tyson Haedrich	General Manager, Engineering & Capital Works
Megan Jamieson	Director, Human Resources	David Pressey	Director, Roads Operations



HALDIMAND COUNTY 2022 to 2031 CAPITAL FORECAST SUMMARY

Tax Supported Capital Departments Stage: SMT Review	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
General Government	4,875,020	5,678,540	4,950,950	5,650,400	2,465,400	7,080,800	7,365,720	6,940,200	8,761,000	7,929,850	61,697,880	0	0	(2,687,600)	(59,010,280)	0	(61,697,880)
Protection Services	1,718,820	616,500	380,200	412,300	5,709,000	526,650	458,400	341,400	485,200	339,400	10,987,870	0	(300,000)	(1,716,750)	(4,133,780)	(4,837,340)	(10,987,870)
Transportation Services	19,184,710	18,265,500	18,107,500	25,936,700	17,458,100	15,485,500	17,416,000	15,765,800	17,495,500	17,686,400	182,801,710	(70,388,010)	(2,188,300)	(5,254,930)	(100,562,370)	(4,408,100)	(182,801,710)
Environmental Services	2,731,050	421,500	1,299,600	538,200	747,500	302,500	309,300	404,800	831,100	317,400	7,902,950	0	(610,270)	(235,200)	(7,057,480)	0	(7,902,950)
Health Services	1,042,000	667,400	179,800	334,500	1,999,800	349,000	354,100	156,400	99,300	81,900	5,264,200	(147,000)	0	(563,540)	(2,207,800)	(2,345,860)	(5,264,200)
Social & Family Services	522,960	277,570	268,360	208,390	289,040	279,080	247,620	214,810	156,470	243,140	2,707,440	(300,000)	0	0	(2,407,440)	0	(2,707,440)
Recreation and Cultural Services	3,847,490	12,631,350	2,859,000	4,799,300	1,861,400	904,300	1,932,200	749,600	1,137,900	836,000	31,558,540	(4,187,950)	(2,424,000)	(6,286,800)	(14,395,690)	(4,264,100)	(31,558,540)
Planning & Development	1,117,400	852,500	768,600	695,300	691,800	760,100	787,200	542,900	573,400	663,700	7,452,900	0	(38,300)	(321,630)	(7,092,970)	0	(7,452,900)
Total Tax Supported Capital Departments	35,039,450	39,410,860	28,814,010	38,575,090	31,222,040	25,687,930	28,870,540	25,115,910	29,539,870	28,097,790	310,373,490	(75,022,960)	(5,560,870)	(17,066,450)	(196,867,810)	(15,855,400)	(310,373,490)

Funding	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Funding
Grants Subsidies	(7,383,560)	(6,530,900)	(6,363,400)	(11,019,100)	(6,622,400)	(7,529,400)	(7,669,900)	(7,040,700)	(6,490,400)	(8,373,200)	(75,022,960)
General Recoveries	(1,965,140)	(1,306,100)	(633,430)	(629,140)	(222,900)	(188,460)	(201,400)	(186,800)	(147,500)	(80,000)	(5,560,870)
Development Charge Reserve Funds	(1,420,180)	(705,090)	(7,370,500)	(5,007,370)	(1,553,760)	(371,160)	(176,830)	(139,280)	(123,460)	(198,820)	(17,066,450)
Reserves/ Reserve Funds	(22,926,910)	(30,868,770)	(10,182,580)	(17,511,380)	(16,983,440)	(17,598,910)	(20,822,410)	(17,749,130)	(22,778,510)	(19,445,770)	(196,867,810)
Debenture Financing	(1,343,660)	0	(4,264,100)	(4,408,100)	(5,839,540)	0	0	0	0	0	(15,855,400)
Total	(35,039,450)	(39,410,860)	(28,814,010)	(38,575,090)	(31,222,040)	(25,687,930)	(28,870,540)	(25,115,910)	(29,539,870)	(28,097,790)	(310,373,490)



Haldimand County



Haldimand
County

General Government



HALDIMAND COUNTY 2022 to 2031 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Emergency Management		1,740					1,970				3,710				(3,710)		(3,710)
Finance		61,500				67,900				75,000	204,400			(184,000)	(20,400)		(204,400)
Legal & Support Services	15,000	32,900	17,900	24,800	124,900	115,500	80,100	44,100	249,900	55,000	760,100				(760,100)		(760,100)
Total Corporate Management	15,000	96,140	17,900	24,800	124,900	183,400	82,070	44,100	249,900	130,000	968,210			(184,000)	(784,210)		(968,210)
Human Resources									25,000		25,000				(25,000)		(25,000)
Innovation & Technology Services	643,450	343,500	521,800	780,000	353,700	636,200	863,700	742,600	1,171,500	905,400	6,961,850				(6,961,850)		(6,961,850)
Total Program Support	643,450	343,500	521,800	780,000	353,700	636,200	863,700	742,600	1,196,500	905,400	6,986,850				(6,986,850)		(6,986,850)
Fleet & Equipment Pool	3,000,600	4,836,400	4,172,650	3,964,200	1,476,800	4,405,100	4,510,850	4,024,600	5,312,000	4,813,950	40,517,150			(2,158,000)	(38,359,150)		(40,517,150)
Kohler Fleet Garage	942,000	4,100	4,200	4,300	4,400	4,500	4,600	4,700	4,800	4,900	982,500			(345,600)	(636,900)		(982,500)
Kohler Fleet Office	10,000	5,100	5,300	11,000	5,700	5,900	12,200	6,300	6,500	13,400	81,400				(81,400)		(81,400)
Total Fleet and Equipment Pool	3,952,600	4,845,600	4,182,150	3,979,500	1,486,900	4,415,500	4,527,650	4,035,600	5,323,300	4,832,250	41,581,050			(2,503,600)	(39,077,450)		(41,581,050)
Dunnville Multi-Purpose Facility		190,000	20,200	548,700							758,900				(758,900)		(758,900)
General Administration Facilities	263,970	203,300	208,900	141,900	476,200	1,845,700	1,892,300	1,939,500	1,987,800	2,037,200	10,996,770				(10,996,770)		(10,996,770)
Haldimand County Administration Building				175,500	1,600			178,400	3,500		359,000				(359,000)		(359,000)
Total Administration Facilities	263,970	393,300	229,100	866,100	477,800	1,845,700	1,892,300	2,117,900	1,991,300	2,037,200	12,114,670				(12,114,670)		(12,114,670)
Facilities Capital & Asset Management					22,100					25,000	47,100				(47,100)		(47,100)
Total Facilities Capital and Asset Management					22,100					25,000	47,100				(47,100)		(47,100)
Total General Government	4,875,020	5,678,540	4,950,950	5,650,400	2,465,400	7,080,800	7,365,720	6,940,200	8,761,000	7,929,850	61,697,880			(2,687,600)	(59,010,280)		(61,697,880)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget Corporate Management	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Emergency Management																	
Replacement/State of Good Repair																	
211003 LED TV's		1,740					1,970				3,710				(3,710)		(3,710)
Total Replacement/State of Good Repair		1,740					1,970				3,710				(3,710)		(3,710)
Total Emergency Management		1,740					1,970				3,710				(3,710)		(3,710)
Finance																	
New/Enhanced Service																	
133001 Development Charges Study Update		61,500				67,900				75,000	204,400			(184,000)	(20,400)		(204,400)
Total New/Enhanced Service		61,500				67,900				75,000	204,400			(184,000)	(20,400)		(204,400)
Total Finance		61,500				67,900				75,000	204,400			(184,000)	(20,400)		(204,400)
Legal & Support Services																	
Replacement/State of Good Repair																	
134001 Unscheduled Equipment Replacements	5,000	5,200	5,300	5,400	5,600	5,700	5,800	6,000	6,100	6,300	56,400				(56,400)		(56,400)
134002 Furniture Replacements	1,000	1,600	3,100	9,700	109,300	79,200	63,800	27,400	232,800	12,500	540,400				(540,400)		(540,400)
134007 Folder/Inserter Machine at HCAB		16,800				20,400				24,900	62,100				(62,100)		(62,100)
134014 Unscheduled Furniture Replacements	9,000	9,300	9,500	9,700	10,000	10,200	10,500	10,700	11,000	11,300	101,200				(101,200)		(101,200)
Total Replacement/State of Good Repair	15,000	32,900	17,900	24,800	124,900	115,500	80,100	44,100	249,900	55,000	760,100				(760,100)		(760,100)
Total Legal & Support Services	15,000	32,900	17,900	24,800	124,900	115,500	80,100	44,100	249,900	55,000	760,100				(760,100)		(760,100)
Total Corporate Management	15,000	96,140	17,900	24,800	124,900	183,400	82,070	44,100	249,900	130,000	968,210			(184,000)	(784,210)		(968,210)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget Program Support	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Human Resources																	
Replacement/State of Good Repair																	
135001 Fit Test Machine Replacement									25,000		25,000				(25,000)		(25,000)
Total Replacement/State of Good Repair									25,000		25,000				(25,000)		(25,000)
Total Human Resources									25,000		25,000				(25,000)		(25,000)
Innovation & Technology Services																	
Replacement/State of Good Repair																	
136001 Desktops	45,000		7,600	91,200	145,100	57,300		8,600	103,100	50,000	507,900				(507,900)		(507,900)
136002 Printers/Scanners	5,000	5,200	5,300	5,400	5,600	5,700	5,800	6,000	6,100	6,300	56,400				(56,400)		(56,400)
136003 Connectivity Equipment	2,000	4,100	5,300	53,900	5,600	22,700	23,200	76,700	6,100	151,000	350,600				(350,600)		(350,600)
136004 UPS's (uninterrupted power supply protection)	13,000	1,100	1,100	1,100	1,200	23,800	1,200	1,200	1,300	1,300	46,300				(46,300)		(46,300)
136005 Software Replacement	40,000			19,400	27,600	34,000	104,400		14,700	17,900	258,000				(258,000)		(258,000)
136007 Mobile Phones	94,100	5,200	82,000	5,400	86,100	5,700	90,500	6,000	95,100	128,000	598,100				(598,100)		(598,100)
136008 Multi-function Units(printers/copiers)		10,800	73,600			16,500	26,100		12,800	95,000	234,800				(234,800)		(234,800)
136015 Laptops/Rugged Laptops		3,000	42,700	6,300	3,300		3,400	48,300	7,300	5,000	119,300				(119,300)		(119,300)
136016 Laptops	132,100	226,000	256,000	184,300	25,700	145,600	255,600	289,600	208,500	166,000	1,889,400				(1,889,400)		(1,889,400)
136017 Dual and Ultrawide Monitors	2,500	2,600	2,700	11,600	33,300	41,900	5,800	3,000	3,100	3,200	109,700				(109,700)		(109,700)
136019 Operating System Software Enterprise Upgrade							86,300				86,300				(86,300)		(86,300)
136023 Telephone System - Voice over IP	5,000	5,200	5,300	5,400	5,600	5,700	5,800	6,000	6,100	6,300	56,400				(56,400)		(56,400)
136024 Low End Servers			20,500					23,200			43,700				(43,700)		(43,700)
136026 Plotter/Scanner						11,400		11,900			23,300				(23,300)		(23,300)
136027 Servers				381,800					432,000		813,800				(813,800)		(813,800)
136028 Desktop Software	190,750					234,500	240,400	246,400	252,600	258,900	1,423,550				(1,423,550)		(1,423,550)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget Program Support	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Innovation & Technology Services																	
136029 Tablets			5,800			6,300			6,700		18,800				(18,800)		(18,800)
Total Replacement/State of Good Repair	529,450	263,200	507,900	765,800	339,100	611,100	848,500	726,900	1,155,500	888,900	6,636,350				(6,636,350)		(6,636,350)
New/Enhanced Service																	
136006 Stand-Alone Software Upgrades	5,000	5,200	5,300	5,400	5,600	5,700	5,800	6,000	6,100	6,300	56,400				(56,400)		(56,400)
136012 Building Division Online Services Portal	50,000										50,000				(50,000)		(50,000)
136013 WiFi Access Points	9,000	8,400	8,600	8,800	9,000	19,400	9,400	9,700	9,900	10,200	102,400				(102,400)		(102,400)
136032 Cyber Security Assessment	50,000										50,000				(50,000)		(50,000)
136033 Technology Vulnerabilities Testing		41,000									41,000				(41,000)		(41,000)
136035 Cyber Security Incident Response Plan		25,700									25,700				(25,700)		(25,700)
Total New/Enhanced Service	114,000	80,300	13,900	14,200	14,600	25,100	15,200	15,700	16,000	16,500	325,500				(325,500)		(325,500)
Total Innovation & Technology Services	643,450	343,500	521,800	780,000	353,700	636,200	863,700	742,600	1,171,500	905,400	6,961,850				(6,961,850)		(6,961,850)
Total Program Support	643,450	343,500	521,800	780,000	353,700	636,200	863,700	742,600	1,196,500	905,400	6,986,850				(6,986,850)		(6,986,850)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
2022	2023	2024	2025	2026	2027	2028	2029	2030	2031								
Fleet and Equipment Pool																	
Fleet & Equipment Pool																	
Replacement/State of Good Repair																	
315051	Fire Apparatus Rescue (10 Yr Forecast)				375,000	70,000	375,000					820,000			(820,000)	(820,000)	
315052	Ambulances (10 Yr Forecast)		440,000	440,000	220,000	225,000	220,000	440,000	440,000	225,000		2,650,000			(2,650,000)	(2,650,000)	
315053	Cars, Vans, Pickups (10 Yr Forecast)		470,000	490,000	240,000	285,000	200,000	430,000	200,000	380,000	390,000	3,085,000			(3,085,000)	(3,085,000)	
315054	Fire Appartus Tankers (10 Yr Forecast)		800,000	400,000	800,000	400,000	400,000			400,000		3,200,000			(3,200,000)	(3,200,000)	
315055	Fire Apparatus Equipment (10 Yr Forecast)		107,500		60,000		60,000	10,000	37,500	60,000		335,000			(335,000)	(335,000)	
315056	Ice Equipment (10 Yr Forecast)		106,000	106,000	100,000			106,000	12,000			430,000			(430,000)	(430,000)	
315057	Riding and Push Mowers (10 Yr Forecast)		206,650	172,500	110,000	550	550	115,000	60,000	550		665,800			(665,800)	(665,800)	
315058	Misc Equip & Tools (10 Yr Forecast)		123,250	15,300	13,500	36,750	85,000	38,050	18,500	102,000	34,750	467,100			(467,100)	(467,100)	
315059	Saws and Trimmers (10 Yr Forecast)		12,000	18,850	23,000	10,400	4,600	5,650	6,900	14,900	9,650	105,950			(105,950)	(105,950)	
315060	One Tons and Special Equipment (10 Yr Forecast)		100,000	360,000	80,000			85,000	100,000	10,000	785,000	1,520,000			(1,520,000)	(1,520,000)	
315061	Fire Apparatus Pumpers (10 Yr Forecast)		750,000	750,000			2,250,000	750,000	2,250,000			6,750,000			(6,750,000)	(6,750,000)	
315062	Ambulance - First Response Vehicle (10 Yr forecast)		85,000				85,000		85,000	85,000		340,000			(340,000)	(340,000)	
315063	Loaders, Tractors, Sweepers (10 Yr Forecast)		435,000	180,000	420,000		300,000	180,000	290,000		420,000	2,225,000			(2,225,000)	(2,225,000)	
315064	Trailers and Rollers (10 Yr Forecast)			100,000	20,000	40,000		36,500	30,000	15,000	6,500	248,000			(248,000)	(248,000)	
315065	Generators, Welders, Compressors (10 Yr Forecast)		3,000	6,000	6,000	68,000	3,000			6,000		92,000			(92,000)	(92,000)	
315066	Plow Trucks and Motor Graders (10 Yr Forecast)		1,080,000	720,000	175,000		680,000	2,440,000	360,000	2,020,000	1,080,000	8,555,000			(8,555,000)	(8,555,000)	
315113	Aerial Truck (10 Year Forecast)									1,600,000	1,600,000	3,200,000			(3,200,000)	(3,200,000)	
315115	First Response Unit - EMS (1)		85,000									85,000			(85,000)	(85,000)	
315116	Pumper - Fire (1)		750,000									750,000			(750,000)	(750,000)	
315117	Tanker - Fire (1)		400,000									400,000			(400,000)	(400,000)	

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget Fleet and Equipment Pool	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Fleet & Equipment Pool																	
315118 Tanker - Fire (1)	400,000										400,000				(400,000)		(400,000)
315119 Full Size Pickup - Roads (1)	50,000										50,000				(50,000)		(50,000)
315120 Full Size Pickup - Roads (1)	50,000										50,000				(50,000)		(50,000)
315121 Ton 4x4 with Plow/Sander - Roads (1)	100,000										100,000				(100,000)		(100,000)
315122 Utility Tandem Axle Trailer - Roads (1)	15,000										15,000				(15,000)		(15,000)
315123 Four WHD Pickup - Roads (1)	55,000										55,000				(55,000)		(55,000)
315124 Full Size Pickup - Roads (1)	50,000										50,000				(50,000)		(50,000)
315125 Tractor - Roads (1)	75,000										75,000				(75,000)		(75,000)
315126 Leaf Blower - Roads (1)	750										750				(750)		(750)
315127 Power Washer Shop - Roads (1)	8,000										8,000				(8,000)		(8,000)
315128 Chainsaw - Road (1)	850										850				(850)		(850)
315129 Compact SUV - FPC (1)	35,000										35,000				(35,000)		(35,000)
315130 Compact SUV - FPC (1)	35,000										35,000				(35,000)		(35,000)
315131 Mower - Gang - FPC (1)	110,000										110,000				(110,000)		(110,000)
315132 Ice Edger - FPC (1)	6,000										6,000				(6,000)		(6,000)
315133 Ice Edger - FPC (1)	6,000										6,000				(6,000)		(6,000)
315134 Salt Spreader - FPC (1)	5,000										5,000				(5,000)		(5,000)
315135 Rodding Machine - WWW (1)	6,000										6,000				(6,000)		(6,000)
315136 Power Washer - Portable - WWW (1)	8,000										8,000				(8,000)		(8,000)
315137 Air Compressor - WWW (1)	35,000										35,000				(35,000)		(35,000)
315138 Water Pump - WWW (1)	3,000										3,000				(3,000)		(3,000)
315139 Compact SUV - By-Law (1)	35,000										35,000				(35,000)		(35,000)

Note: [W] Water, [WWW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Fleet and Equipment Pool																	
Fleet & Equipment Pool																	
315140 Four WHD Pickup with Plow - Fleet (1)	62,000										62,000				(62,000)		(62,000)
315141 Fleet 10 Year Replacement - Inflation 2.5%		118,000	94,000	56,700	36,100	107,500	110,100	98,200	129,600	117,500	867,700				(867,700)	(867,700)	
Total Replacement/State of Good Repair	2,385,600	4,836,400	3,852,650	2,324,200	1,476,800	4,405,100	4,510,850	4,024,600	5,312,000	4,813,950	37,942,150				(37,942,150)	(37,942,150)	
New/Enhanced Service																	
316003 Single Axle Plow/Sander - ROADS (1)			320,000								320,000			(320,000)			(320,000)
316030 Ambulance - EMS	220,000										220,000			(198,000)	(22,000)		(220,000)
316046 Single Axle Plow/Sander - ROADS (2)				640,000							640,000			(640,000)			(640,000)
316047 Street Sweeper - ROADS (1)				420,000							420,000			(420,000)			(420,000)
316048 Backhoe Loader - ROADS (1)				180,000							180,000			(180,000)			(180,000)
316049 One Ton Pickup Trucks ROADS (4)				400,000							400,000			(400,000)			(400,000)
316050 Passenger Van - EMS (1)	45,000										45,000				(45,000)		(45,000)
316051 Diamond Boom Loader Attachment - Roads (2)	300,000										300,000				(300,000)		(300,000)
316052 Five Way Plow attachment - Roads (1)	10,000										10,000				(10,000)		(10,000)
316053 Rotary Broom Loader Attachment - Roads (1)	40,000										40,000				(40,000)		(40,000)
Total New/Enhanced Service	615,000		320,000	1,640,000							2,575,000			(2,158,000)	(417,000)		(2,575,000)
Total Fleet & Equipment Pool	3,000,600	4,836,400	4,172,650	3,964,200	1,476,800	4,405,100	4,510,850	4,024,600	5,312,000	4,813,950	40,517,150			(2,158,000)	(38,359,150)		(40,517,150)
Kohler Fleet Garage																	
Replacement/State of Good Repair																	
318001 Two-Way Radio Sys-Base Stn & Portables	4,000	4,100	4,200	4,300	4,400	4,500	4,600	4,700	4,800	4,900	44,500				(44,500)		(44,500)
Total Replacement/State of Good Repair	4,000	4,100	4,200	4,300	4,400	4,500	4,600	4,700	4,800	4,900	44,500				(44,500)		(44,500)
New/Enhanced Service																	
318003 Kohler Facility - Roof, Storage Addition, Office & Shop Renovation	938,000										938,000			(345,600)	(592,400)		(938,000)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY
2022 to 2031 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Fleet and Equipment Pool																	
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031							
Kohler Fleet Garage																	
Total New/Enhanced Service	938,000										938,000			(345,600)	(592,400)	(938,000)	
Total Kohler Fleet Garage	942,000	4,100	4,200	4,300	4,400	4,500	4,600	4,700	4,800	4,900	982,500			(345,600)	(636,900)	(982,500)	
Kohler Fleet Office																	
Replacement/State of Good Repair																	
317001 Kohler Facility Repairs and Maintenance	5,000	5,100	5,300	5,500	5,700	5,900	6,100	6,300	6,500	6,700	58,100				(58,100)	(58,100)	
317004 MTO Modernizing Ontario's Vehicle Inspection Program	5,000			5,500			6,100			6,700	23,300				(23,300)	(23,300)	
Total Replacement/State of Good Repair	10,000	5,100	5,300	11,000	5,700	5,900	12,200	6,300	6,500	13,400	81,400				(81,400)	(81,400)	
Total Kohler Fleet Office	10,000	5,100	5,300	11,000	5,700	5,900	12,200	6,300	6,500	13,400	81,400				(81,400)	(81,400)	
Total Fleet and Equipment Pool	3,952,600	4,845,600	4,182,150	3,979,500	1,486,900	4,415,500	4,527,650	4,035,600	5,323,300	4,832,250	41,581,050			(2,503,600)	(39,077,450)	(41,581,050)	



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Administration Facilities																	
Dunnville Multi-Purpose Facility																	
Replacement/State of Good Repair																	
174012 DMPB - Doors & Overhead Doors			20,200								20,200				(20,200)		(20,200)
174013 DMPB - Repair Parking Lot		190,000									190,000				(190,000)		(190,000)
174015 DMPF - Roof Replacement				548,700							548,700				(548,700)		(548,700)
Total Replacement/State of Good Repair		190,000	20,200	548,700							758,900				(758,900)		(758,900)
Total Dunnville Multi-Purpose Facility		190,000	20,200	548,700							758,900				(758,900)		(758,900)
General Administration Facilities																	
Replacement/State of Good Repair																	
171002 FAC ADMIN - Asbestos Management Program	9,500	9,500	10,300	10,500	10,500	10,500	11,300	11,400	11,500	11,500	106,500				(106,500)		(106,500)
171005 FAC ADMIN - Roof Maintenance & Repair	2,000	2,100	2,100	2,200	2,200	2,300	2,300	2,400	2,400	2,500	22,500				(22,500)		(22,500)
171007 FAC ADMIN - Lock & Security Replacement	20,000	20,500	21,000	21,500	22,000	22,600	23,200	23,800	24,400	25,000	224,000				(224,000)		(224,000)
171008 FAC ADMIN - Moulton Communication Tower Replacement					331,100						331,100				(331,100)		(331,100)
171011 Haldimand County Administration Building (HCAB) - General Capital Repairs Post Warranty	50,000	102,500	105,100	107,700	110,400	113,200	116,000	118,900	121,900	124,900	1,070,600				(1,070,600)		(1,070,600)
171017 FCA Capital Projects						1,697,100	1,739,500	1,783,000	1,827,600	1,873,300	8,920,500				(8,920,500)		(8,920,500)
180001 Asset Management Program - 3 Year Extension	67,000	68,700	70,400								206,100				(206,100)		(206,100)
Total Replacement/State of Good Repair	148,500	203,300	208,900	141,900	476,200	1,845,700	1,892,300	1,939,500	1,987,800	2,037,200	10,881,300				(10,881,300)		(10,881,300)
New/Enhanced Service																	
171020 Project Manager, Caledonia EMS Station	115,470										115,470				(115,470)		(115,470)
Total New/Enhanced Service	115,470										115,470				(115,470)		(115,470)
Total General Administration Facilities	263,970	203,300	208,900	141,900	476,200	1,845,700	1,892,300	1,939,500	1,987,800	2,037,200	10,996,770				(10,996,770)		(10,996,770)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Administration Facilities																	
Haldimand County Administration Building																	
Replacement/State of Good Repair																	
171012 Digital Displays				67,800	1,600				3,500		72,900				(72,900)		(72,900)
171013 HCAB - Security System Replacement				107,700							107,700				(107,700)		(107,700)
171014 HCAB - Council Chambers AV System Repl.								178,400			178,400				(178,400)		(178,400)
Total Replacement/State of Good Repair				175,500	1,600			178,400	3,500		359,000				(359,000)		(359,000)
Total Haldimand County Administration Building				175,500	1,600			178,400	3,500		359,000				(359,000)		(359,000)
Total Administration Facilities	263,970	393,300	229,100	866,100	477,800	1,845,700	1,892,300	2,117,900	1,991,300	2,037,200	12,114,670				(12,114,670)		(12,114,670)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Facilities Capital and Asset Management																	
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031							
Facilities Capital & Asset Management																	
Replacement/State of Good Repair																	
171015 Energy Conservation and Demand Management Plan					22,100					25,000	47,100				(47,100)	(47,100)	
Total Replacement/State of Good Repair					22,100					25,000	47,100				(47,100)	(47,100)	
Total Facilities Capital & Asset Management					22,100					25,000	47,100				(47,100)	(47,100)	
Total Facilities Capital and Asset Management					22,100					25,000	47,100				(47,100)	(47,100)	



Haldimand
County

Protection Services



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Protection Services Stage: Draft Budget	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Caledonia Fire Hall Station #1	1,206,700			71,300							1,278,000			(286,900)	(72,600)	(918,500)	(1,278,000)
Canborough Fire Hall Station #6		52,300	8,500								60,800				(60,800)		(60,800)
Canfield Fire Hall Station #5		8,300									8,300				(8,300)		(8,300)
Cayuga Fire Hall Station #4		59,500		8,700							68,200				(68,200)		(68,200)
Dunnville Fire Hall Station #9	11,000		69,500		5,302,600						5,383,100			(1,376,860)	(87,400)	(3,918,840)	(5,383,100)
Fire General Administration	407,700	416,300	302,200	332,300	333,300	460,850	458,400	341,400	485,200	339,400	3,877,050		(300,000)	(52,990)	(3,524,060)		(3,877,050)
Fisherville Fire Hall Station #12	8,140	10,300									18,440				(18,440)		(18,440)
Hagersville Fire Hall Station #2	8,140					65,800					73,940				(73,940)		(73,940)
Jarvis Fire Hall Station #3	66,140	61,500									127,640				(127,640)		(127,640)
Selkirk Fire Hall Station #13					73,100						73,100				(73,100)		(73,100)
South Haldimand Fire Hall Station #11	11,000	8,300									19,300				(19,300)		(19,300)
Total Fire	1,718,820	616,500	380,200	412,300	5,709,000	526,650	458,400	341,400	485,200	339,400	10,987,870		(300,000)	(1,716,750)	(4,133,780)	(4,837,340)	(10,987,870)
Total Protection Services	1,718,820	616,500	380,200	412,300	5,709,000	526,650	458,400	341,400	485,200	339,400	10,987,870		(300,000)	(1,716,750)	(4,133,780)	(4,837,340)	(10,987,870)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Protection Services Stage: Draft Budget Fire											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031							
Caledonia Fire Hall Station #1																	
Replacement/State of Good Repair																	
222001	Caledonia Fire Station Replacement	1,206,700									1,206,700			(286,900)	(1,300)	(918,500)	(1,206,700)
222007	Auto Extrication Airbag Replacements				8,700						8,700				(8,700)		(8,700)
Total Replacement/State of Good Repair		1,206,700			8,700						1,215,400			(286,900)	(10,000)	(918,500)	(1,215,400)
New/Enhanced Service																	
222004	Auto Extrication Electric Spreaders				23,800						23,800				(23,800)		(23,800)
222005	Auto Extrication Electric Cutter				22,600						22,600				(22,600)		(22,600)
222006	Auto Extrication Electric Ram				16,200						16,200				(16,200)		(16,200)
Total New/Enhanced Service					62,600						62,600				(62,600)		(62,600)
Total Caledonia Fire Hall Station #1		1,206,700			71,300						1,278,000			(286,900)	(72,600)	(918,500)	(1,278,000)
Canborough Fire Hall Station #6																	
Replacement/State of Good Repair																	
234006	Parking Lot Replacement		41,000								41,000				(41,000)		(41,000)
234010	Auto Extrication Airbag Replacements			8,500							8,500				(8,500)		(8,500)
Total Replacement/State of Good Repair			41,000	8,500							49,500				(49,500)		(49,500)
New/Enhanced Service																	
234009	Auto Extrication Strut Stabilization Equipment		11,300								11,300				(11,300)		(11,300)
Total New/Enhanced Service			11,300								11,300				(11,300)		(11,300)
Total Canborough Fire Hall Station #6			52,300	8,500							60,800				(60,800)		(60,800)
Canfield Fire Hall Station #5																	
Replacement/State of Good Repair																	
227005	Auto Extrication Airbag Replacements		8,300								8,300				(8,300)		(8,300)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Protection Services Stage: Draft Budget Fire	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Canfield Fire Hall Station #5																	
Total Replacement/State of Good Repair		8,300									8,300				(8,300)		(8,300)
Total Canfield Fire Hall Station #5		8,300									8,300				(8,300)		(8,300)
Cayuga Fire Hall Station #4																	
Replacement/State of Good Repair																	
225008 Auto Extrication Airbag Replacements				8,700							8,700				(8,700)		(8,700)
Total Replacement/State of Good Repair				8,700							8,700				(8,700)		(8,700)
New/Enhanced Service																	
225005 Auto Extrication Electric Spreaders		22,600									22,600				(22,600)		(22,600)
225006 Auto Extrication Electric Cutter		21,500									21,500				(21,500)		(21,500)
225007 Auto Extrication Electric Ram		15,400									15,400				(15,400)		(15,400)
Total New/Enhanced Service		59,500									59,500				(59,500)		(59,500)
Total Cayuga Fire Hall Station #4		59,500		8,700							68,200				(68,200)		(68,200)
Dunnville Fire Hall Station #9																	
Replacement/State of Good Repair																	
226007 Dunnville Fire Station Replacement					5,302,600						5,302,600			(1,376,860)	(6,900)	(3,918,840)	(5,302,600)
226008 Auto Extrication Strut Stabilization Equipment	11,000										11,000				(11,000)		(11,000)
226009 Auto Extrication Airbag Replacements			8,500								8,500				(8,500)		(8,500)
Total Replacement/State of Good Repair	11,000		8,500		5,302,600						5,322,100			(1,376,860)	(26,400)	(3,918,840)	(5,322,100)
New/Enhanced Service																	
226004 Auto Extrication Electric Spreaders			23,200								23,200				(23,200)		(23,200)
226005 Auto Extrication Electric Cutter			22,000								22,000				(22,000)		(22,000)
226006 Auto Extrication Electric Ram			15,800								15,800				(15,800)		(15,800)
Total New/Enhanced Service			61,000								61,000				(61,000)		(61,000)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Protection Services Stage: Draft Budget Fire											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Debture Financing	Total Financing											
2022	2023	2024	2025	2026	2027	2028	2029	2030	2031																			
Total Dunnville Fire Hall Station #9											11,000			69,500	5,302,600				5,383,100			(1,376,860)	(87,400)	(3,918,840)	(5,383,100)			
Fire General Administration																												
Replacement/State of Good Repair																												
221001	Nozzles/Appliances	10,000	10,300	10,600	10,900	11,200	11,500	11,800	12,100	12,400	12,700	113,500				(113,500)	(113,500)											
221002	Gas Detection Equipment		5,100		5,300		5,500		5,700		5,900	27,500				(27,500)	(27,500)											
221003	Bunker Gear	75,000	76,900	78,800	80,800	66,200	67,900	69,600	71,300	73,100	74,900	734,500				(734,500)	(734,500)											
221004	Firefighting Tools	10,000	10,300	15,800	16,200	16,600	17,000	17,400	17,800	18,200	18,700	158,000			(52,990)	(105,010)	(158,000)											
221005	Hose	10,000	10,300	15,800	16,200	16,600	17,000	17,400	17,800	18,200	18,700	158,000				(158,000)	(158,000)											
221006	Pagers/Portable Radios- Com'n Equip't	44,700	45,800	36,500	37,400	38,300	39,300	40,300	41,300	42,300	43,400	409,300				(409,300)	(409,300)											
221007	SCBA Equipment	98,000	94,800	89,300	99,600	108,200	110,900	113,700	116,500	119,400	122,400	1,072,800				(1,072,800)	(1,072,800)											
221010	Water and Ice Rescue Suit Replacements	10,000	10,300	10,600	10,900	11,200	11,500	11,800	12,100	12,400	12,700	113,500				(113,500)	(113,500)											
221011	Thermal Imaging Camera Replacements						45,300	46,400				91,700				(91,700)	(91,700)											
221013	Generators			14,800					16,800			31,600				(31,600)	(31,600)											
221015	Automatic External Defibrillators (14)					56,600						56,600				(56,600)	(56,600)											
221016	Porta Tank Replacements									30,400		30,400				(30,400)	(30,400)											
221021	Building Condition Assessments (BCA) - Fire Halls						25,600					25,600				(25,600)	(25,600)											
221024	Radio Communications Life Cycle Planning	20,000	20,000		25,000	35,000	22,750	100,000		80,000		302,750				(302,750)	(302,750)											
221025	Fire Community Risk Assessment/Fire Master Plan	100,000										100,000				(100,000)	(100,000)											
Total Replacement/State of Good Repair											377,700			283,800	272,200	302,300	303,300	430,850	428,400	311,400	406,400	309,400	3,425,750			(52,990)	(3,372,760)	(3,425,750)
New/Enhanced Service																												
221008	Purchases by Associations	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	300,000				(300,000)	(300,000)											
221018	Firefighting Particulate Hoods									48,800		48,800				(48,800)	(48,800)											
221023	Communications Paging Channel		102,500									102,500				(102,500)	(102,500)											

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Protection Services Stage: Draft Budget Fire	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Fire General Administration																	
Total New/Enhanced Service	30,000	132,500	30,000	30,000	30,000	30,000	30,000	30,000	78,800	30,000	451,300		(300,000)		(151,300)		(451,300)
Total Fire General Administration	407,700	416,300	302,200	332,300	333,300	460,850	458,400	341,400	485,200	339,400	3,877,050		(300,000)	(52,990)	(3,524,060)		(3,877,050)
Fisherville Fire Hall Station #12																	
Replacement/State of Good Repair																	
233006 Furnace Replacement		10,300									10,300				(10,300)		(10,300)
233008 Auto Extrication Airbag Replacements	8,140										8,140				(8,140)		(8,140)
Total Replacement/State of Good Repair	8,140	10,300									18,440				(18,440)		(18,440)
Total Fisherville Fire Hall Station #12	8,140	10,300									18,440				(18,440)		(18,440)
Hagersville Fire Hall Station #2																	
Replacement/State of Good Repair																	
223007 Auto Extrication Airbag Replacements	8,140										8,140				(8,140)		(8,140)
Total Replacement/State of Good Repair	8,140										8,140				(8,140)		(8,140)
New/Enhanced Service																	
223004 Auto Extrication Electric Spreaders						25,000					25,000				(25,000)		(25,000)
223005 Auto Extrication Electric Cutter						23,800					23,800				(23,800)		(23,800)
223006 Auto Extrication Electric Ram						17,000					17,000				(17,000)		(17,000)
Total New/Enhanced Service						65,800					65,800				(65,800)		(65,800)
Total Hagersville Fire Hall Station #2	8,140					65,800					73,940				(73,940)		(73,940)
Jarvis Fire Hall Station #3																	
Replacement/State of Good Repair																	
224006 Parking Lot Replacement/Expansion		61,500									61,500				(61,500)		(61,500)
224007 Auto Extrication Electric Spreaders	22,000										22,000				(22,000)		(22,000)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Protection Services Stage: Draft Budget Fire	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Jarvis Fire Hall Station #3																	
224008 Auto Extrication Electric Cutters	21,000										21,000				(21,000)		(21,000)
224009 Auto Extrication Electric Ram	15,000										15,000				(15,000)		(15,000)
224010 Auto Extrication Airbag Replacements	8,140										8,140				(8,140)		(8,140)
Total Replacement/State of Good Repair	66,140	61,500									127,640				(127,640)		(127,640)
Total Jarvis Fire Hall Station #3	66,140	61,500									127,640				(127,640)		(127,640)
Selkirk Fire Hall Station #13																	
Replacement/State of Good Repair																	
228013 Auto Extrication Airbag Replacements					8,900						8,900				(8,900)		(8,900)
Total Replacement/State of Good Repair					8,900						8,900				(8,900)		(8,900)
New/Enhanced Service																	
228009 Auto Extrication Electric Spreaders					24,400						24,400				(24,400)		(24,400)
228010 Auto Extrication Electric Cutter					23,200						23,200				(23,200)		(23,200)
228011 Auto Extrication Electric Ram					16,600						16,600				(16,600)		(16,600)
Total New/Enhanced Service					64,200						64,200				(64,200)		(64,200)
Total Selkirk Fire Hall Station #13					73,100						73,100				(73,100)		(73,100)
South Haldimand Fire Hall Station #11																	
Replacement/State of Good Repair																	
235008 Auto Extrication Airbag Replacements		8,300									8,300				(8,300)		(8,300)
Total Replacement/State of Good Repair		8,300									8,300				(8,300)		(8,300)
New/Enhanced Service																	
235007 Bunker Gear Dryer	11,000										11,000				(11,000)		(11,000)
Total New/Enhanced Service	11,000										11,000				(11,000)		(11,000)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Protection Services Stage: Draft Budget Fire	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Total South Haldimand Fire Hall Station #11	11,000	8,300									19,300				(19,300)		(19,300)
Total Fire	1,718,820	616,500	380,200	412,300	5,709,000	526,650	458,400	341,400	485,200	339,400	10,987,870		(300,000)	(1,716,750)	(4,133,780)	(4,837,340)	(10,987,870)



Haldimand
County

Transportation Services



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Roads Administration	150,000										150,000				(150,000)		(150,000)
Roads Facilities	129,000	45,100	284,100	7,807,300	93,200	50,400	403,700	53,200	54,600	106,100	9,026,700			(2,773,900)	(1,844,700)	(4,408,100)	(9,026,700)
Total Roads Summary	279,000	45,100	284,100	7,807,300	93,200	50,400	403,700	53,200	54,600	106,100	9,176,700			(2,773,900)	(1,994,700)	(4,408,100)	(9,176,700)
Road Reconstruction	1,500,000	1,477,800	487,500	444,200	609,800	294,700	305,900	558,700	774,300	493,200	6,946,100				(6,946,100)		(6,946,100)
Total Road Reconstruction	1,500,000	1,477,800	487,500	444,200	609,800	294,700	305,900	558,700	774,300	493,200	6,946,100				(6,946,100)		(6,946,100)
Hot Mix Resurfacing	4,400,000	3,223,700	3,235,900	4,829,900	5,071,000	4,291,400	4,997,000	4,260,200	4,337,500	4,839,500	43,486,100	(41,411,600)			(2,074,500)		(43,486,100)
Total Hot Mix Resurfacing	4,400,000	3,223,700	3,235,900	4,829,900	5,071,000	4,291,400	4,997,000	4,260,200	4,337,500	4,839,500	43,486,100	(41,411,600)			(2,074,500)		(43,486,100)
Bridges	1,395,000	1,865,500	3,778,700	3,800,400	2,210,000	1,726,600	3,003,600	2,241,800	248,600	2,480,400	22,750,600	(13,037,700)	(235,000)	(1,340,000)	(8,137,900)		(22,750,600)
Culverts	980,000	358,800			1,311,300	1,840,900	661,100	1,148,900	2,426,900	1,539,100	10,267,000	(1,298,300)			(8,968,700)		(10,267,000)
Retaining Walls	170,000	649,900	315,200	204,600							1,339,700	(336,100)			(1,003,600)		(1,339,700)
Structure Inspections and Engineering	321,000	386,000	330,000	386,000	321,000	394,000	321,000	386,000	314,000	101,000	3,260,000				(3,260,000)		(3,260,000)
Total Structure Projects	2,866,000	3,260,200	4,423,900	4,391,000	3,842,300	3,961,500	3,985,700	3,776,700	2,989,500	4,120,500	37,617,300	(14,672,100)	(235,000)	(1,340,000)	(21,370,200)		(37,617,300)
Caledonia Urban Paving	2,168,000		2,695,900	1,440,500	3,076,900	855,000	1,036,900		2,205,100	2,404,700	15,883,000				(15,883,000)		(15,883,000)
Canborough Urban Paving							69,600				69,600				(69,600)		(69,600)
Canfield Urban Paving							165,000				165,000				(165,000)		(165,000)
Cayuga Urban Paving					84,300		1,351,500	236,900			1,672,700				(1,672,700)		(1,672,700)
Dunnville Urban Paving		1,476,000						685,400	1,052,600		3,214,000				(3,214,000)		(3,214,000)
Lowbanks Urban Paving								203,900			203,900				(203,900)		(203,900)
Peacock Point Urban Paving								328,200			328,200				(328,200)		(328,200)
Port Maitland Urban Paving									550,900		550,900				(550,900)		(550,900)
Springvale Urban Paving		172,300									172,300				(172,300)		(172,300)
York Urban Paving						716,700					716,700				(716,700)		(716,700)
Total Urban Paving Programs	2,168,000	1,648,300	2,695,900	1,440,500	3,161,200	1,571,700	2,623,000	1,454,400	3,808,600	2,404,700	22,976,300				(22,976,300)		(22,976,300)
Miscellaneous Paving								200,100			200,100				(200,100)		(200,100)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails

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HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Total Miscellaneous Paving								200,100			200,100				(200,100)		(200,100)
Surface Treatment Program	3,058,000	2,962,500	4,444,200	4,361,200	3,333,400	3,688,600	3,432,900	3,724,200	3,874,300	4,308,500	37,187,800	(13,451,000)	(500,000)		(23,236,800)		(37,187,800)
Total Surface Treatment Program	3,058,000	2,962,500	4,444,200	4,361,200	3,333,400	3,688,600	3,432,900	3,724,200	3,874,300	4,308,500	37,187,800	(13,451,000)	(500,000)		(23,236,800)		(37,187,800)
Gravel Road Conversion Program	2,801,010	2,546,000	594,100	353,800							6,294,910		(22,350)	(478,730)	(5,793,830)		(6,294,910)
Total Gravel Road Conversion Program	2,801,010	2,546,000	594,100	353,800							6,294,910		(22,350)	(478,730)	(5,793,830)		(6,294,910)
Municipal Drain Maintenance	442,700	391,300	300,800	418,000	311,200	299,900	330,800	293,100	252,600		3,040,400	(853,310)	(1,183,180)		(1,003,910)		(3,040,400)
Municipal Drains Construction			165,700	109,600							275,300		(247,770)		(27,530)		(275,300)
Total Municipal Drains	442,700	391,300	466,500	527,600	311,200	299,900	330,800	293,100	252,600		3,315,700	(853,310)	(1,430,950)		(1,031,440)		(3,315,700)
Bridge & Culvert (<3m) Maintenance	200,000	205,000	210,200	215,500	220,900	226,500	232,200	238,100	244,100	250,300	2,242,800				(2,242,800)		(2,242,800)
Hardtop Surface & Shoulder Maintenance	300,000	307,500	315,300	323,300	331,400	339,700	348,400	357,300	366,200	375,500	3,364,600				(3,364,600)		(3,364,600)
Miscellaneous Construction	390,000	399,800	157,600	610,500	165,600	169,700	174,000	178,300	182,800	187,300	2,615,600			(316,000)	(2,299,600)		(2,615,600)
Signage and Safety Devices	600,000	1,640,000	630,400	107,800	110,500	396,200	406,100	416,400	426,800	437,500	5,171,700				(5,171,700)		(5,171,700)
Storm Sewer/Catch Basin Maintenance	60,000	61,500	63,100	64,700	66,400	68,100	69,900	71,700	73,500	75,400	674,300				(674,300)		(674,300)
Street Lighting	40,000	15,400	15,900	16,300	16,700	17,200	17,600	18,000	18,600	12,900	188,600				(188,600)		(188,600)
Technical Studies	80,000	81,400	82,900	443,100	107,800	109,900	88,800	165,400	92,100	75,000	1,326,400			(346,300)	(980,100)		(1,326,400)
Traffic Signals					16,700						16,700				(16,700)		(16,700)
Total Other Roadwork	1,670,000	2,710,600	1,475,400	1,781,200	1,036,000	1,327,300	1,337,000	1,445,200	1,404,100	1,413,900	15,600,700			(662,300)	(14,938,400)		(15,600,700)
Total Transportation Services	19,184,710	18,265,500	18,107,500	25,936,700	17,458,100	15,485,500	17,416,000	15,765,800	17,495,500	17,686,400	182,801,710	(70,388,010)	(2,188,300)	(5,254,930)	(100,562,370)	(4,408,100)	(182,801,710)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget												Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing									
2022	2023	2024	2025	2026	2027	2028	2029	2030	2031																		
Roads Summary																											
Roads Administration																											
New/Enhanced Service																											
321003	Roads Service Model Review										100,000				(100,000)		(100,000)										
321004	AVL Tracking										50,000				(50,000)		(50,000)										
Total New/Enhanced Service											150,000				(150,000)		(150,000)										
Total Roads Administration											150,000				(150,000)		(150,000)										
Roads Facilities																											
Replacement/State of Good Repair																											
322001	Sand and Salt Dome Minor Repairs										4,000	4,100	4,300	4,500	4,700	4,900	5,100	5,300	5,500	5,700	48,100		(48,100)	(48,100)			
322003	Operations Buildings- Repairs/Renovations										40,000	41,000	42,100	43,200	44,300	45,500	46,700	47,900	49,100	50,400	450,200		(450,200)	(450,200)			
322005	Building Condition Assessments (BCA) - Roads Yards														44,200				50,000	94,200		(47,100)	(47,100)	(94,200)			
322014	Dunnville - Salt Dome Fabric Replacement										85,000										85,000		(85,000)	(85,000)			
322015	Walpole Yard - Roof Deck - Main Bldg, Office, Garage													139,900								139,900		(139,900)	(139,900)		
322016	Dunnville Roads Yard - Roof Deck - Office Flat Roof												69,600									69,600		(69,600)	(69,600)		
322017	Dunnville Roads Yard - Sloped Roof Deck - Main Building Garage															351,900						351,900		(351,900)	(351,900)		
322021	Dunnville - Salt Brine Production System Replacement																					168,100		(168,100)	(168,100)		
Total Replacement/State of Good Repair											129,000	45,100	284,100	187,600	93,200	50,400	403,700	53,200	54,600	106,100	1,407,000			(47,100)	(1,359,900)	(1,407,000)	
New/Enhanced Service																											
322022	Roads Operations Service Model Review & Implementation (County-Wide)													7,619,700										(2,726,800)	(484,800)	(4,408,100)	(7,619,700)
Total New/Enhanced Service														7,619,700									(2,726,800)	(484,800)	(4,408,100)	(7,619,700)	
Total Roads Facilities											129,000	45,100	284,100	7,807,300	93,200	50,400	403,700	53,200	54,600	106,100	9,026,700			(2,773,900)	(1,844,700)	(4,408,100)	(9,026,700)
Total Roads Summary											279,000	45,100	284,100	7,807,300	93,200	50,400	403,700	53,200	54,600	106,100	9,176,700			(2,773,900)	(1,994,700)	(4,408,100)	(9,176,700)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
2022	2023	2024	2025	2026	2027	2028	2029	2030	2031								
Road Reconstruction																	
Replacement/State of Good Repair																	
372017	Cay - Ouse St N - Talbot to Cayuga St N [CIW]										175,000				(175,000)		(175,000)
372019	Cay - Kerr St E - Winniet to 100 m west of Winniet [CIW]										80,000				(80,000)		(80,000)
372020	Cay - Norton St E - Winniet to 60 m west of Winniet [CIW]										40,000				(40,000)		(40,000)
372021	Hag - Victoria St - Tuscarora to Main St N [CIW]											205,000			(205,000)		(205,000)
372022	Hag - Foundry St - Tuscarora to end [CIW]											41,000			(41,000)		(41,000)
372023	Dun - Alley way - Broad to Central Lane [CIW]											51,300			(51,300)		(51,300)
372024	Dun - Main St E - 710 Main E to 50 m south [CIW]											20,500			(20,500)		(20,500)
372025	Cay - Norton St W - Ottawa St West to End [W]										50,000				(50,000)		(50,000)
372026	Cay - Kerr St W - Ottawa St to Munsee [W]										105,000				(105,000)		(105,000)
372027	Cay - Mohawk St E - Winniet East to End [W]										150,000				(150,000)		(150,000)
372030	Cay-Thorburn St S-Brant St to Joseph St											750,000			(750,000)		(750,000)
372031	Cay - Thorburn St S - Talbot St to Brant St											410,000			(410,000)		(410,000)
372032	Cal - East Edinburgh Square - Caithness to Sutherland [CIW] [R]										155,000				(155,000)		(155,000)
372033	Cal - West Edinburgh Square - Caithness to Sutherland [CIW] [R]										155,000				(155,000)		(155,000)
372049	Sutherland St - Argyle St to East Edinburgh Square [CIW] [R]										285,000				(285,000)		(285,000)
372050	Caithness St - West Edinburgh Square to Nairne St [WW]										75,000				(75,000)		(75,000)
372051	Nairne St - Caithness St - End [WW]										140,000				(140,000)		(140,000)
372052	Future Road Reconstruction																
372053	Keen St - All [CIW] [R]										10,000			42,000	(52,000)		(52,000)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
Road Reconstruction																			
372054	Peel St - Walpole to East End [CIW] [R]	10,000		92,500								102,500				(102,500)		(102,500)	
372055	Peel St E - Main to Walpole [CIW] [R]	10,000		108,200								118,200				(118,200)		(118,200)	
372056	Aberdeen St - Burke to Sutherland [CIW] [R]				53,800							53,800				(53,800)		(53,800)	
372057	Gypsum Ave - Argyle to End [CIW] [R] [SS]				75,400							75,400				(75,400)		(75,400)	
372058	Inverness St - Caithness St to Sutherland [CIW] [R] [SS]				94,200							94,200				(94,200)		(94,200)	
372059	Inverness St - Sutherland to Orkney [CIW] [R]				113,100							113,100				(113,100)		(113,100)	
372060	Sutherland St W - Shetland to Inverness [CIW] [R]				107,700							107,700				(107,700)		(107,700)	
372061	Cross Street - Pine to Tamarac [CIW] [R] [SS]					298,000						298,000				(298,000)		(298,000)	
372062	Cross St W - Eliz Cr to Pine [CIW] [R] [SS]					74,500						74,500				(74,500)		(74,500)	
372063	George Street - Cross North to End [CIW] [R]						221,200					221,200				(221,200)		(221,200)	
372064	Mohawk St - Munsee to Ottawa [CIW] [R]						73,500					73,500				(73,500)		(73,500)	
372065	Norton Street West - Munsee to Ottawa [CIW] [R]							75,400				75,400				(75,400)		(75,400)	
372066	Mohawk St E - Munsee to Winnet [CIW] [R]							72,500				72,500				(72,500)		(72,500)	
372067	Ottawa St N - Talbot to Kerr [CIW] [R]							55,100				55,100				(55,100)		(55,100)	
372068	Ottawa St N - Kerr to Mohawk [CIW] [R]							66,700				66,700				(66,700)		(66,700)	
372069	Talbot St W - Alley behind Back 40 [CIW] [R]							36,200				36,200				(36,200)		(36,200)	
372070	Fairfield Dr - Elm to Hunter [CIW] [R]								178,300			178,300				(178,300)		(178,300)	
372071	Hunter St - Fairfield to King [CIW] [R]								53,500			53,500				(53,500)		(53,500)	
372072	Hunter St - King to Church (Fairfield to Church) [CIW] [R]								118,900			118,900				(118,900)		(118,900)	

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
Road Reconstruction																			
Road Reconstruction																			
372073	Elm Ave - Sherring to Fairfield [CIW] [R]								71,300			71,300				(71,300)		(71,300)	
372074	Elm Ave - Fairfield to Hunter [CIW] [R]								136,700			136,700				(136,700)		(136,700)	
372075	Caithness Street - Cameron to Argyle [CIW] [R] [SS]									487,400		487,400				(487,400)		(487,400)	
372076	Shetland St - Caithness St to Sutherland [CIW] [R]									97,500		97,500				(97,500)		(97,500)	
372077	Nairne St - Sutherland to Orkney [CIW] [R]									131,000		131,000				(131,000)		(131,000)	
372078	Chestnut St W - South Cayuga to Alder [CIW] [R]										84,300	84,300				(84,300)		(84,300)	
372079	Lock St - Cedar to Queen [CIW] [R]										118,600	118,600				(118,600)		(118,600)	
372080	Bridge Street - Queen to Maple [CIW] [R]									58,400		58,400				(58,400)		(58,400)	
372081	Queen Street - Chestnut to Maple [CIW] [R]										103,000	103,000				(103,000)		(103,000)	
372082	Main St W - George - West to Cemetary [CIW] [R]										187,300	187,300				(187,300)		(187,300)	
372083	Jar- Walpole Dr - Main to Talbot [SS] [W]	15,000		152,300								167,300				(167,300)		(167,300)	
372084	Cay - Johnston St - Echo to end [CIW]	35,000										35,000				(35,000)		(35,000)	
372085	Broad St West Extension					237,300						237,300				(237,300)		(237,300)	
372086	Peel St E - Craddock to End [CIW] [R]	10,000		92,500								102,500				(102,500)		(102,500)	
Total Replacement/State of Good Repair		1,500,000	1,477,800	487,500	444,200	609,800	294,700	305,900	558,700	774,300	493,200	6,946,100				(6,946,100)		(6,946,100)	
Total Road Reconstruction		1,500,000	1,477,800	487,500	444,200	609,800	294,700	305,900	558,700	774,300	493,200	6,946,100				(6,946,100)		(6,946,100)	
Total Road Reconstruction		1,500,000	1,477,800	487,500	444,200	609,800	294,700	305,900	558,700	774,300	493,200	6,946,100				(6,946,100)		(6,946,100)	

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing	
Hot Mix Resurfacing																			
Hot Mix Resurfacing																			
Replacement/State of Good Repair																			
373019	Haldimand Road 20 – Haldimand Rd 12 to Kohler Road	1,540,000										1,540,000	(1,540,000)						(1,540,000)
373020	Hald Rd 54- Ross St to Onondaga Townline Rd	1,360,000										1,360,000	(1,360,000)						(1,360,000)
373021	Hald Rd 20 - Nelles Cors to Hald Rd 12	960,000										960,000	(960,000)						(960,000)
373022	Hald Rd 20 - Hald Rd 53 to Nelles Cors	540,000										540,000	(540,000)						(540,000)
373023	Hald Rd 54 - York North Limit to McClung		2,167,900									2,167,900	(2,167,900)						(2,167,900)
373024	Haldimand Rd 54 - Indiana Rd to Indian St			1,786,000								1,786,000	(1,786,000)						(1,786,000)
373025	Hald Rd 54 - York South Limit to Indiana			1,449,900								1,449,900	(1,449,900)						(1,449,900)
373027	Front Street - York North Limit to South Limit		697,000									697,000	(697,000)						(697,000)
373028	Hald Rd 55 - Rainham Rd to Conc 4 Walpole																		
373029	Haldimand Road 3 - Hald Rd 55 to Hald Rd 70																		
373030	Hawk St - Hald Rd 3 north to Nelson Steel entrance																		
373031	Rainham Rd – Hald Rd 49 to Hald Rd 20				1,146,900							1,146,900	(1,146,900)						(1,146,900)
373032	Mines Rd - Greens Rd E to Haldibrook Rd					993,400						993,400	(993,400)						(993,400)
373033	Caistorville Rd - Hald/Dunn Townline to Niagara					940,400						940,400	(940,400)						(940,400)
373034	Kohler Rd - Irish Line to Hwy #3					574,000						574,000	(574,000)						(574,000)
373035	Parkview Rd - Main St to King St					861,000						861,000	(861,000)						(861,000)
373036	King Street East - Parkview Rd to Urban Limits					449,300						449,300	(449,300)						(449,300)
373037	Port Maitland Rd - Rainham Rd to Lighthouse Dr				1,884,600							1,884,600	(1,884,600)						(1,884,600)
373038	Caistorville Rd-Hald Rd 14 to Hald/Dunn Twln					1,252,900						1,252,900	(1,252,900)						(1,252,900)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Hot Mix Resurfacing	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Hot Mix Resurfacing																	
373040 Rainham Rd - Hald Rd 49 to Hald/Dunn Twnl				861,500							861,500	(861,500)					(861,500)
373041 Hald Rd 12 - Rainham Rd to Fisherville Town Limits						1,527,400					1,527,400	(1,527,400)					(1,527,400)
373042 Haldimand Rd 55 - Rd 9 to Rd 20						1,606,600					1,606,600	(1,606,600)					(1,606,600)
373043 Hald Rd 12 - Fisherville Town Limits to Hald Rd 20						1,157,400					1,157,400	(1,157,400)					(1,157,400)
373044 Haldimand Rd 70 - Hwy 3 to Hwy 6							1,159,600				1,159,600	(1,159,600)					(1,159,600)
373045 Haldimand Hwy 56 - Hwy 3 to Haldibrook Rd							3,837,400				3,837,400	(3,837,400)					(3,837,400)
373046 Hutchinson Rd - N Shore to Canal Bank Rd								1,545,300			1,545,300	(1,545,300)					(1,545,300)
373047 Caledonia - Industrial Drive								237,700			237,700				(237,700)		(237,700)
373048 River Road - Caledonia to Haldimand Road 9									1,669,200		1,669,200	(1,669,200)					(1,669,200)
373049 Hald Rd 55 Hwy 6 to Hald Rd 9								1,545,300			1,545,300	(1,545,300)					(1,545,300)
373050 Brooklin Road - South Coast to Hald Rd 3								931,900			931,900	(92,900)			(839,000)		(931,900)
373052 Kohler Road - Hald 20 - Irish Line										1,667,300	1,667,300	(1,667,300)					(1,667,300)
373054 Hald Rd 9 Third Line to Hald Hwy 54									2,668,300		2,668,300	(2,668,300)					(2,668,300)
373055 Robinson Road - Hwy #3 to Bird Road				936,900							936,900	(297,900)			(639,000)		(936,900)
373056 Hald Rd. 66 - Hwy #6 to McClung										724,400	724,400	(724,400)					(724,400)
373057 Hald Rd 9 - Hald Rd 20 to Third Line										2,447,800	2,447,800	(2,447,800)					(2,447,800)
373058 Front Street - York Road widening		358,800									358,800				(358,800)		(358,800)
373059 Field Road LEIP																	
Total Replacement/State of Good Repair	4,400,000	3,223,700	3,235,900	4,829,900	5,071,000	4,291,400	4,997,000	4,260,200	4,337,500	4,839,500	43,486,100	(41,411,600)			(2,074,500)		(43,486,100)
Total Hot Mix Resurfacing	4,400,000	3,223,700	3,235,900	4,829,900	5,071,000	4,291,400	4,997,000	4,260,200	4,337,500	4,839,500	43,486,100	(41,411,600)			(2,074,500)		(43,486,100)
Total Hot Mix Resurfacing	4,400,000	3,223,700	3,235,900	4,829,900	5,071,000	4,291,400	4,997,000	4,260,200	4,337,500	4,839,500	43,486,100	(41,411,600)			(2,074,500)		(43,486,100)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Structure Projects		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Bridges																		
Replacement/State of Good Repair																		
374021	County Hwy 54 Bridge removal (985401)							1,159,700				1,159,700				(1,159,700)		(1,159,700)
374025	Townline Bridge Replacement (D00005)			1,830,700								1,830,700	(1,830,700)					(1,830,700)
374026	Balmoral Bridge Replace (985301)								2,241,800			2,241,800	(2,241,800)					(2,241,800)
374028	Sunny Bank Park - Bridge Rehab (000019)									248,600		248,600	(248,600)					(248,600)
374033	Wilkins Bridge Conc 5 Walpole Rehab (010012)	925,000										925,000	(925,000)					(925,000)
374035	Conc 6 Bridge, Walpole Replacement (010076)				470,100							470,100				(470,100)		(470,100)
374039	Lot 18/19 Conc 3 Walpole 010008 Rehab		866,100									866,100	(866,100)					(866,100)
374041	Boston Creek Bridge (980905) Rehab				1,234,400							1,234,400	(1,234,400)					(1,234,400)
374044	Cheapside Bridge Rehab (010004)			525,300								525,300	(525,300)					(525,300)
374045	Indiana Road Bridge Rehab (000033)			483,300								483,300	(483,300)					(483,300)
374046	River Rd Bridge N - Cayuga Rehab (000017)		481,800									481,800	(481,800)					(481,800)
374047	Moote Road Bridge Rehab (D00003)			714,400								714,400	(714,400)					(714,400)
374048	County Road 29 Bridge Rehab (982901)			715,700								715,700	(466,400)			(249,300)		(715,700)
374051	Peart Bridge - River Rd Rehab (000032)						1,370,100					1,370,100	(354,300)			(1,015,800)		(1,370,100)
374053	Townline Bridge Replacement (D00004)						866,700					866,700	(866,700)					(866,700)
374054	Hart Rd Bridge Rehab (D00002)				265,200							265,200				(265,200)		(265,200)
374055	Townline Bridge N - Cay/Sen Replac (000023)						859,900					859,900	(267,200)			(592,700)		(859,900)
374058	Montague Bridge Rehab (010024)		517,600									517,600	(517,600)					(517,600)
374059	Hobb's Bridge Rehab (010005)					839,900						839,900				(839,900)		(839,900)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Structure Projects	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Bridges																	
374062 Stone Quarry Road Bridge (Rehab) 010044							713,200				713,200				(713,200)		(713,200)
374063 Townline Road Bridge Walpole/Rainham (Rehab) 010001							1,130,700				1,130,700	(428,300)			(702,400)		(1,130,700)
374072 Brooklin Bridge Rehabilitation (986201)										1,955,900	1,955,900	(585,800)			(1,370,100)		(1,955,900)
374074 Hutchinson Road Bridge Rehab (116501)										524,500	524,500				(524,500)		(524,500)
374075 Lot 23 Concession 12 Townsend (Norfolk Project) (010045)	470,000										470,000		(235,000)		(235,000)		(470,000)
Total Replacement/State of Good Repair	1,395,000	1,865,500	2,438,700	3,800,400	2,210,000	1,726,600	3,003,600	2,241,800	248,600	2,480,400	21,410,600	(13,037,700)	(235,000)		(8,137,900)		(21,410,600)
New/Enhanced Service																	
374037 Cal-Argyle St Bridge Replacement (MTO)			1,340,000								1,340,000			(1,340,000)			(1,340,000)
Total New/Enhanced Service			1,340,000								1,340,000			(1,340,000)			(1,340,000)
Total Bridges	1,395,000	1,865,500	3,778,700	3,800,400	2,210,000	1,726,600	3,003,600	2,241,800	248,600	2,480,400	22,750,600	(13,037,700)	(235,000)	(1,340,000)	(8,137,900)		(22,750,600)
Culverts																	
Replacement/State of Good Repair																	
374011 Sandusk Crk Culvert Replac Walpole (030034)					542,000						542,000				(542,000)		(542,000)
374019 Hart Rd Drain Replacement (D00005C)	460,000										460,000				(460,000)		(460,000)
374022 Indian Line Culvert Rehab (982002)	520,000										520,000	(100,300)			(419,700)		(520,000)
374023 Third Line Culvert Rehab (000072)		358,800									358,800	(358,800)					(358,800)
374036 Conc 2 Culvert Seneca Rehab (000069)						374,500					374,500				(374,500)		(374,500)
374038 Nanticoke Rd Culvert Replace (975503)									684,700		684,700	(684,700)					(684,700)
374040 Lowbanks Culvert (970311) Rehab					536,400						536,400				(536,400)		(536,400)
374049 Haldimand Rd 56 Culvert Rehab (975604)						193,500					193,500				(193,500)		(193,500)
374050 Haldimand Rd 56 Culvert Rehab (975605)								487,400			487,400				(487,400)		(487,400)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Structure Projects	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Culverts																	
374056 Nanticoke Rd Culvert Replace (975501)						690,200					690,200				(690,200)		(690,200)
374060 Mud Street Culvert Replacement (980907)						582,700					582,700				(582,700)		(582,700)
374061 Caithness Street Culvert Rehab (000006-C)					232,900						232,900				(232,900)		(232,900)
374064 York Road Culvert (Replacement) 000039							661,100				661,100				(661,100)		(661,100)
374065 Evans Creek Culvert (Replacement) 970308								661,500			661,500				(661,500)		(661,500)
374066 Sandusk Creek Twin Culverts (Replacement) 975502									816,300		816,300	(154,500)			(661,800)		(816,300)
374068 Nanticoke Road Culvert Replacement (975501)									731,000		731,000				(731,000)		(731,000)
374069 York Road Culvert Replacement (000039)									194,900		194,900				(194,900)		(194,900)
374071 Cayuga Culvert Rehabilitation (971704)										376,200	376,200				(376,200)		(376,200)
374073 Conc 4 Culvert Rehabilitation (000009)										1,162,900	1,162,900				(1,162,900)		(1,162,900)
Total Replacement/State of Good Repair	980,000	358,800			1,311,300	1,840,900	661,100	1,148,900	2,426,900	1,539,100	10,267,000	(1,298,300)			(8,968,700)		(10,267,000)
Total Culverts	980,000	358,800			1,311,300	1,840,900	661,100	1,148,900	2,426,900	1,539,100	10,267,000	(1,298,300)			(8,968,700)		(10,267,000)
Retaining Walls																	
Replacement/State of Good Repair																	
374029 240-246 Caithness St W - Retaining Wall Repl (10)	170,000										170,000				(170,000)		(170,000)
374034 62-48 Caithness St W - Retaining Wall Repl (13)		649,900									649,900	(336,100)			(313,800)		(649,900)
374042 286 Caithness St E - Retaining Wall Repl (17)				204,600							204,600				(204,600)		(204,600)
374076 132-156 Sutherland Street East - Retaining Wall Replacement (R)			215,400								215,400				(215,400)		(215,400)
374077 156-158 Sutherland St E - Ret Wall Repl (R)			99,800								99,800				(99,800)		(99,800)
Total Replacement/State of Good Repair	170,000	649,900	315,200	204,600							1,339,700	(336,100)			(1,003,600)		(1,339,700)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Structure Projects	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Total Retaining Walls	170,000	649,900	315,200	204,600							1,339,700	(336,100)			(1,003,600)		(1,339,700)
Structure Inspections and Engineering																	
Replacement/State of Good Repair																	
374001 Annual Bridge Engineering	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000		2,700,000				(2,700,000)		(2,700,000)
374002 OSIM Inspections		65,000		65,000		65,000		65,000		65,000	325,000				(325,000)		(325,000)
374003 Deck Condition Surveys	21,000	21,000	15,000	21,000	21,000	14,000	21,000	21,000	14,000	21,000	190,000				(190,000)		(190,000)
374024 Retaining Wall Inspections			15,000			15,000				15,000	45,000				(45,000)		(45,000)
Total Replacement/State of Good Repair	321,000	386,000	330,000	386,000	321,000	394,000	321,000	386,000	314,000	101,000	3,260,000				(3,260,000)		(3,260,000)
Total Structure Inspections and Engineering	321,000	386,000	330,000	386,000	321,000	394,000	321,000	386,000	314,000	101,000	3,260,000				(3,260,000)		(3,260,000)
Total Structure Projects	2,866,000	3,260,200	4,423,900	4,391,000	3,842,300	3,961,500	3,985,700	3,776,700	2,989,500	4,120,500	37,617,300	(14,672,100)	(235,000)	(1,340,000)	(21,370,200)		(37,617,300)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
2022	2023	2024	2025	2026	2027	2028	2029	2030	2031									
Urban Paving Programs																		
Caledonia Urban Paving																		
Replacement/State of Good Repair																		
376042	Cal- Highland Blvd - Haddington to Buchanan	692,000										692,000					(692,000)	(692,000)
376043	Cal- Buchanan - N end to Highland	420,000										420,000					(420,000)	(420,000)
376044	Cal- Douglas Dr-McKenzie to Highland	258,000										258,000					(258,000)	(258,000)
376045	Cal- Piper Pl - Douglas Dr to W end	207,000										207,000					(207,000)	(207,000)
376046	Cal- Kintrye Crt - McKenzie to N. End	180,000										180,000					(180,000)	(180,000)
376047	Cal- Kilty Ct - Douglas Dr to end	202,000										202,000					(202,000)	(202,000)
376048	Cal- Tartan Dr - Highland to Buchanan	179,000										179,000					(179,000)	(179,000)
376051	Cal- McCrea Dr - Kinross to Kinross			672,400								672,400					(672,400)	(672,400)
376052	Cal- Kinross - Argyle to Braemar			661,900								661,900					(661,900)	(661,900)
376055	Cal- Scott St Fraser To Kinross			147,100								147,100					(147,100)	(147,100)
376056	Cal- Frase Crt - Scott St to end			143,900								143,900					(143,900)	(143,900)
376058	Cal- Glenmoore Pl. - full court			106,100								106,100					(106,100)	(106,100)
376060	Cal- Sutherland St W - Ross to Tracks			464,400								464,400					(464,400)	(464,400)
376061	Cal- Sutherland Street East – Edinburgh East to Haller Cresc (S)			393,000								393,000					(393,000)	(393,000)
376062	Cal- Burnside - Braemar to Thistlemoor									145,000		145,000					(145,000)	(145,000)
376063	Cal- Robert Gordon Drive			67,200								67,200					(67,200)	(67,200)
376064	Cal- McAlpine Place			39,900								39,900					(39,900)	(39,900)
376065	Cal- Morgan Dr - Celtic to McKenzie				441,500							441,500					(441,500)	(441,500)
376066	Cal- Haller Cres & Haller Pl				357,100							357,100					(357,100)	(357,100)
376067	Cal- McMaster - McKenzie to Buchanan				346,000							346,000					(346,000)	(346,000)
376068	Cal- McKeown Ct - McMaster to end				124,100							124,100					(124,100)	(124,100)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing	
Urban Paving Programs																			
Caledonia Urban Paving																			
376069	Cal- Iona Ct - McMaster to end				81,000							81,000				(81,000)		(81,000)	
376070	Cal- McKinnon - Caithness to Williamson				61,800							61,800				(61,800)		(61,800)	
376071	Cal- Morgan Court				29,000							29,000				(29,000)		(29,000)	
376072	Cal- Williamson Dr - all					1,040,700						1,040,700				(1,040,700)		(1,040,700)	
376073	Cal- Mckenzie – Wigton to Fuller					730,500						730,500				(730,500)		(730,500)	
376075	Cal- Clansman Cres - Caledonia Dr to Caledonia Dr					291,200						291,200				(291,200)		(291,200)	
376076	Cal- Dundee - Kinross to Kinross					269,800						269,800				(269,800)		(269,800)	
376077	Cal- Fraser - Kinross to Scott					232,900						232,900				(232,900)		(232,900)	
376078	Cal- Orkney St W - Ross to Williamson					216,700						216,700				(216,700)		(216,700)	
376082	Cal- MacMillian - Williamson to Williamson					134,900						134,900				(134,900)		(134,900)	
376085	Cal- Shaw - Dundee to Stirling					61,700						61,700				(61,700)		(61,700)	
376086	Cal- MacGregor Pl - Fraser to end					52,400						52,400				(52,400)		(52,400)	
376087	Cal- MacDonald Place					46,100						46,100				(46,100)		(46,100)	
376089	Cal- Hyslop - Scott Acres to Jamison						308,200					308,200				(308,200)		(308,200)	
376090	Cal- Glenmor Dr - MacCrae Dr to Kinross						268,700					268,700				(268,700)		(268,700)	
376096	Cal- Balmoral Crt - Ayr to end						86,400					86,400				(86,400)		(86,400)	
376099	Cal- Duncan Crt - Highland to end						75,200					75,200				(75,200)		(75,200)	
376101	Cal- MacColl Pl - Glenmore Dr to North end						65,400					65,400				(65,400)		(65,400)	
376102	Cal- Lamb Crt - Caithness to end						51,100					51,100				(51,100)		(51,100)	
376105	Cal- Jamieson - Scott Acres to ScottsWood							481,900				481,900				(481,900)		(481,900)	
376106	Cal- Ross St - Caithness to Orkney							335,400				335,400				(335,400)		(335,400)	



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing	
Urban Paving Programs																			
Caledonia Urban Paving																			
376107	Cal- Sutherland St W - Ross to Williamson							219,600				219,600				(219,600)		(219,600)	
376122	Cal- Braemar - Kinross to Glengary Cres									495,200		495,200				(495,200)		(495,200)	
376129	Cal- Fife St - Argyle to Wigton									96,500		96,500				(96,500)		(96,500)	
376135	Cal- Pauline Ave - Peebles to Selkirk									49,600		49,600				(49,600)		(49,600)	
376149	Cal - Peebles - Forfar to Stirling St									105,900		105,900				(105,900)		(105,900)	
376150	Cal - Selkirk St - Forfar to Stirling									42,300		42,300				(42,300)		(42,300)	
376151	Cal - Renfrew - Forfar to Stirling									95,400		95,400				(95,400)		(95,400)	
376152	Cal - Fuller Drive - McKenzie to End										376,200	376,200				(376,200)		(376,200)	
376153	Cal - Thistlemore Drive - Baemar to Kinross									382,900		382,900				(382,900)		(382,900)	
376154	Cal - Glengary Cres - Braemar to Braemar									306,300		306,300				(306,300)		(306,300)	
376155	Cal - Inverness - Caithness to Orkney									339,800		339,800				(339,800)		(339,800)	
376160	Cal - Kinross - Braemar to Thistlemoor									146,200		146,200				(146,200)		(146,200)	
376174	Cal - Celtic Drive - Argyle Street to south end										570,900	570,900				(570,900)		(570,900)	
376175	Cal - Scott Acres Blvd										284,700	284,700				(284,700)		(284,700)	
376176	Cal - Scottswood Ln										149,900	149,900				(149,900)		(149,900)	
376177	Cal - Caledon Crt										93,700	93,700				(93,700)		(93,700)	
376178	Cal - Carnegie Crt										78,100	78,100				(78,100)		(78,100)	
376179	Cal - McDuff St										161,900	161,900				(161,900)		(161,900)	
376180	Cal - Lindsay Dr										123,600	123,600				(123,600)		(123,600)	
376181	Cal - Stuart St										116,100	116,100				(116,100)		(116,100)	
376182	Cal - Caledonia Ave McKenzie to Celtic										449,600	449,600				(449,600)		(449,600)	



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Urban Paving Programs	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Caledonia Urban Paving																	
376183 Cal - Forfar st at Berwick St	30,000										30,000				(30,000)		(30,000)
Total Replacement/State of Good Repair	2,168,000		2,695,900	1,440,500	3,076,900	855,000	1,036,900		2,205,100	2,404,700	15,883,000				(15,883,000)		(15,883,000)
Total Caledonia Urban Paving	2,168,000		2,695,900	1,440,500	3,076,900	855,000	1,036,900		2,205,100	2,404,700	15,883,000				(15,883,000)		(15,883,000)
Canborough Urban Paving																	
Replacement/State of Good Repair																	
376108 Canb- Water Street							69,600				69,600				(69,600)		(69,600)
Total Replacement/State of Good Repair							69,600				69,600				(69,600)		(69,600)
Total Canborough Urban Paving							69,600				69,600				(69,600)		(69,600)
Canfield Urban Paving																	
Replacement/State of Good Repair																	
376110 Canf- Raglan Street							55,000				55,000				(55,000)		(55,000)
376111 Canf- Retallack Street							55,000				55,000				(55,000)		(55,000)
376112 Canf- Adair Street							55,000				55,000				(55,000)		(55,000)
Total Replacement/State of Good Repair							165,000				165,000				(165,000)		(165,000)
Total Canfield Urban Paving							165,000				165,000				(165,000)		(165,000)
Cayuga Urban Paving																	
Replacement/State of Good Repair																	
376074 Cay- Munsee St S - Talbot to Joseph							651,300				651,300				(651,300)		(651,300)
376079 Cay- Charles Cullen Parkway							177,400				177,400				(177,400)		(177,400)
376080 Cay- Country Club - Commodore to Commodore							167,600				167,600				(167,600)		(167,600)
376081 Cay- Commodore - Country Club to Country Club							163,500				163,500				(163,500)		(163,500)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

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Urban Paving Programs																	
Cayuga Urban Paving																	
376083 Cay- Abbott Lane - Joseph to S end							92,300				92,300				(92,300)		(92,300)
376084 Cay- Ottawa St S - WWTP to Joseph							71,000				71,000				(71,000)		(71,000)
376088 Cay- Railton Rd - Country Club Rd to East end							28,400				28,400				(28,400)		(28,400)
376127 Cay- Monture St								128,400			128,400				(128,400)		(128,400)
376133 Cay- Winnett St - Echo to Hill								57,100			57,100				(57,100)		(57,100)
376138 Cay- Fishcarrier St - Echo to 250mN								35,700			35,700				(35,700)		(35,700)
376147 Cay- Latham St								15,700			15,700				(15,700)		(15,700)
376156 Cay - Essex Road					84,300						84,300				(84,300)		(84,300)
Total Replacement/State of Good Repair					84,300		1,351,500	236,900			1,672,700				(1,672,700)		(1,672,700)
Total Cayuga Urban Paving					84,300		1,351,500	236,900			1,672,700				(1,672,700)		(1,672,700)
Dunnville Urban Paving																	
Replacement/State of Good Repair																	
376050 Dun- Lock Street – George Street to Pine Street		640,600									640,600				(640,600)		(640,600)
376053 Dun- Jarrett Place – Diltz Rd to west extent		312,600									312,600				(312,600)		(312,600)
376054 Dun- Pine Street – Lock to Alder		261,400									261,400				(261,400)		(261,400)
376057 Dun- Griffith - Alder to S Cayuga		138,400									138,400				(138,400)		(138,400)
376059 Dun- Tamarac - Front St to Queen St		123,000									123,000				(123,000)		(123,000)
376120 Dun- Forest St W - Cedar to John								373,700			373,700				(373,700)		(373,700)
376124 Dun- Brookfield Court - Cowan to south -court								145,500			145,500				(145,500)		(145,500)
376125 Dun- Pine Meadow Court								134,100			134,100				(134,100)		(134,100)
376139 Dun- Gillian/Elmwood - Inman East end								32,100			32,100				(32,100)		(32,100)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing	
Urban Paving Programs																			
Dunnville Urban Paving																			
376162	Dunn - Tamarac St Main St. to Forest									170,600		170,600				(170,600)		(170,600)	
376163	Tamarac Street - Forest Street to Concession St.									304,600		304,600				(304,600)		(304,600)	
376164	Dunn - Concession St Tamarac to Cedar									134,000		134,000				(134,000)		(134,000)	
376165	Dunn - Meadowbrook Court									121,800		121,800				(121,800)		(121,800)	
376166	Dunn - Cleary Ave - Tamarac to Cedar									121,800		121,800				(121,800)		(121,800)	
376168	Dunn - Taylor Road - Broad Street to Hald Rd #3									75,500		75,500				(75,500)		(75,500)	
376169	Dunn - George St Cross Street to Town Limit									124,300		124,300				(124,300)		(124,300)	
Total Replacement/State of Good Repair		1,476,000							685,400	1,052,600		3,214,000				(3,214,000)		(3,214,000)	
Total Dunnville Urban Paving		1,476,000							685,400	1,052,600		3,214,000				(3,214,000)		(3,214,000)	
Lowbanks Urban Paving																			
Replacement/State of Good Repair																			
376126	Low- Canada Rd								120,300			120,300				(120,300)		(120,300)	
376136	Low- Beach Rd								36,600			36,600				(36,600)		(36,600)	
376140	Low- Saturn St								24,800			24,800				(24,800)		(24,800)	
376141	Low- Meier St								22,200			22,200				(22,200)		(22,200)	
Total Replacement/State of Good Repair									203,900			203,900				(203,900)		(203,900)	
Total Lowbanks Urban Paving									203,900			203,900				(203,900)		(203,900)	
Peacock Point Urban Paving																			
Replacement/State of Good Repair																			
376104	Pea- Carolyn Dr								17,000			17,000				(17,000)		(17,000)	
376123	Pea- Lakeside Dr / Willcox Dr								153,000			153,000				(153,000)		(153,000)	



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Urban Paving Programs	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Peacock Point Urban Paving																	
376132 Pea- Witherspoon Dr								56,200			56,200				(56,200)		(56,200)
376142 Pea- Howard Ave								18,300			18,300				(18,300)		(18,300)
376143 Pea- Semmens St								18,300			18,300				(18,300)		(18,300)
376144 Pea- Park St								18,300			18,300				(18,300)		(18,300)
376145 Pea- Reidy St								18,300			18,300				(18,300)		(18,300)
376146 Pea- Fagan St								18,300			18,300				(18,300)		(18,300)
376148 Pea- Sunset Dr								10,500			10,500				(10,500)		(10,500)
Total Replacement/State of Good Repair								328,200			328,200				(328,200)		(328,200)
Total Peacock Point Urban Paving								328,200			328,200				(328,200)		(328,200)
Port Maitland Urban Paving																	
Replacement/State of Good Repair																	
376157 Por - The Esplanade									80,700		80,700				(80,700)		(80,700)
376158 Por - Dover Street								214,600			214,600				(214,600)		(214,600)
376159 Por - Port Maitland Rd - Dover St to Pier								255,600			255,600				(255,600)		(255,600)
Total Replacement/State of Good Repair								550,900			550,900				(550,900)		(550,900)
Total Port Maitland Urban Paving								550,900			550,900				(550,900)		(550,900)
Springvale Urban Paving																	
Replacement/State of Good Repair																	
376109 Spring- Spruce Ave		49,500									49,500				(49,500)		(49,500)
376113 Spring- Pine Cresc		47,100									47,100				(47,100)		(47,100)
376114 Spring- Maplewood Ave		24,100									24,100				(24,100)		(24,100)
376115 Spring- Oak Blvd		21,800									21,800				(21,800)		(21,800)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails

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2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget												Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
2022	2023	2024	2025	2026	2027	2028	2029	2030	2031									
Urban Paving Programs																		
Springvale Urban Paving																		
376116	Spring- Walnut St		19,500									19,500			(19,500)	(19,500)		
376117	Spring- Birch Blvd		10,300									10,300			(10,300)	(10,300)		
Total Replacement/State of Good Repair			172,300									172,300			(172,300)	(172,300)		
Total Springvale Urban Paving			172,300									172,300			(172,300)	(172,300)		
York Urban Paving																		
Replacement/State of Good Repair																		
376091	York- Martin & Water										169,700	169,700			(169,700)	(169,700)		
376093	York- King Ave - Front to John										115,500	115,500			(115,500)	(115,500)		
376094	York- Queen St - Front to John										114,800	114,800			(114,800)	(114,800)		
376095	York- Mill St - John to Front										100,400	100,400			(100,400)	(100,400)		
376097	York- Shannon - Hald Rd 9 to end										76,400	76,400			(76,400)	(76,400)		
376098	York- John St - Mill to Queen										73,100	73,100			(73,100)	(73,100)		
376100	York- Albion - Hald Rd 9 to King Ave										66,800	66,800			(66,800)	(66,800)		
Total Replacement/State of Good Repair											716,700	716,700			(716,700)	(716,700)		
Total York Urban Paving											716,700	716,700			(716,700)	(716,700)		
Total Urban Paving Programs		2,168,000	1,648,300	2,695,900	1,440,500	3,161,200	1,571,700	2,623,000	1,454,400	3,808,600	2,404,700	22,976,300			(22,976,300)	(22,976,300)		

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Miscellaneous Paving	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Miscellaneous Paving																	
Replacement/State of Good Repair																	
376130 Old Talbot Road Hald Rd 20 both ways								78,500			78,500				(78,500)		(78,500)
376131 South Cayuga Road - Rainham Road to 443m north								69,300			69,300				(69,300)		(69,300)
376134 Stonehaven - Johnson Rd to East end								52,300			52,300				(52,300)		(52,300)
Total Replacement/State of Good Repair								200,100			200,100				(200,100)		(200,100)
Total Miscellaneous Paving								200,100			200,100				(200,100)		(200,100)
Total Miscellaneous Paving								200,100			200,100				(200,100)		(200,100)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
2022	2023	2024	2025	2026	2027	2028	2029	2030	2031								
Surface Treatment Program																	
Replacement/State of Good Repair																	
383026	Jarden Rd - Hwy 3 to Hald Rd 17	250,000									250,000	(250,000)				(250,000)	
383027	Burke Rd - Rd 17 to Hwy 3	150,000									150,000	(150,000)				(150,000)	
383030	Conc 4 Walpole - Cheapside to Sandusk Rd		358,800								358,800			(358,800)		(358,800)	
383031	River Road - Hwy 3 to Sutor Rd [TR] [SS]			1,344,800							1,344,800			(1,344,800)		(1,344,800)	
383032	South Coast -Brooklyn Rd to Sandusk Rd		436,700								436,700			(436,700)		(436,700)	
383033	4th Line Oneida - Hald Rd 9 to Broad Rd				129,200						129,200	(129,200)				(129,200)	
383034	Hald Rd 74 - Conc 12 Walpole to Road 20	1,000,000									1,000,000	(500,000)	(500,000)			(1,000,000)	
383036	Conc 7 Rd - Hald Rd 53 to Hald Rd 12	300,000									300,000	(25,000)		(275,000)		(300,000)	
383039	Conc 3 Walpole - Hald Rd 53 to Cheapside	150,000									150,000			(150,000)		(150,000)	
383040	Conc 13 Walpole - Hald Rd 74 to Hald Rd 55	300,000									300,000			(300,000)		(300,000)	
383041	5th Line Oneida - Hald Rd 9 to McKenzie Rd				161,500						161,500			(161,500)		(161,500)	
383042	Conc 6 Walpole - Hald Rd 70 to Hwy 6		92,300								92,300			(92,300)		(92,300)	
383043	Dover St - Port Maitland Rd to Kings Row		82,000								82,000			(82,000)		(82,000)	
383044	Pyle Rd - Hald Rd 3 to Villella Rd		61,500								61,500			(61,500)		(61,500)	
383045	Shoreline Trail - Lakeshore to 600 m west		51,300								51,300			(51,300)		(51,300)	
383046	Dry Lake Road - Hwy 3 to Hald Rd 9	320,000									320,000			(320,000)		(320,000)	
383047	Lakeshore Rd - Hald Rd 50 to Hald-Dunn Twl Rd		328,000								328,000			(328,000)		(328,000)	
383048	Rymer Rd - Hald Rd 3 to Mltn-Shrbk Townline Rd			315,200							315,200			(315,200)		(315,200)	
383049	Mumby Road - Hald Rd 3 to Bird Rd		205,000								205,000			(205,000)		(205,000)	

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing	
Surface Treatment Program																			
Surface Treatment Program																			
383050	3rd Line Oneida - McKenzie Rd to 1st Row				215,400							215,400				(215,400)		(215,400)	
383051	Marshall Rd - Kings Row to Hald Trail		164,000									164,000				(164,000)		(164,000)	
383052	South Coast Drive - Sandusk Rd to Texaco Underpass		349,500									349,500				(349,500)		(349,500)	
383053	Nelles Rd - York Rd to River		102,500									102,500				(102,500)		(102,500)	
383055	Rattlesnake Rd - Booker Rd to .7 Km N. Of Aiken Rd		82,000									82,000				(82,000)		(82,000)	
383056	King Road - Niece Rd to Rymer Rd		82,000									82,000				(82,000)		(82,000)	
383057	Canal Bank Rd - N. Feeder Canal Rd to Hald Rd 3		30,800									30,800				(30,800)		(30,800)	
383058	New Lakeshore Rd - Old Lakeshore Rd to Stelco underpass			367,700								367,700				(367,700)		(367,700)	
383059	Conc 10 Wal - Hald Rd 74 to Rd 55			336,200								336,200				(336,200)		(336,200)	
383060	River Rd - South Cayuga Rd to HD Twl			210,100								210,100				(210,100)		(210,100)	
383061	Comfort Rd - Diltz Rd 9 to Marshagan Rd			189,100								189,100				(189,100)		(189,100)	
383063	Conc 2 Seneca Rd - Hald Rd 9 to old Conc 2			157,600								157,600				(157,600)		(157,600)	
383064	Niece Rd - Downey Rd to Siddall Rd			105,100								105,100				(105,100)		(105,100)	
383065	Niece Rd - Hald Rd 3 to Downey Rd			105,100								105,100				(105,100)		(105,100)	
383066	Ricker Rd - Darling Rd to end			52,500								52,500				(52,500)		(52,500)	
383067	Conc 3 Rd - Sweets Corners Rd to Hald Rd 8			294,200								294,200				(294,200)		(294,200)	
383068	River Rd -Yaremy to South Cayuga Rd			210,100								210,100				(210,100)		(210,100)	
383069	Sutor Rd - River Rd to Hald Rd 20			210,100								210,100				(210,100)		(210,100)	
383070	6th Line Oneida - Oneida Rd to Hwy 6				376,900							376,900				(376,900)		(376,900)	
383071	Conc 3 Walpole - Hald Rd 55 to Hald Rd 70			210,100								210,100				(210,100)		(210,100)	



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing	
Surface Treatment Program																			
383072	Conc 14 Walpole - Hald Rd 55 to Hald Rd 70			157,600								157,600				(157,600)		(157,600)	
383073	Hines Road - Hutchinson Rd to Young Rd			94,600								94,600				(94,600)		(94,600)	
383074	Conc 16 Walpole - Hald Rd 20 to Lot 3/4			84,100								84,100				(84,100)		(84,100)	
383075	4th Line Oneida - Hwy 6 to Hald Rd 9				538,400							538,400				(538,400)		(538,400)	
383076	Conc 13 Walpole - Hald Rd 20 to Hald Rd 55	375,000										375,000				(375,000)		(375,000)	
383077	Conc 6 Woodhouse - Hald Rd 70 to E. Quarter Line				269,200							269,200				(269,200)		(269,200)	
383079	Townline Road - Conc 7 Walpole to Nanticoke Creek				129,200							129,200				(129,200)		(129,200)	
383080	South Coast Drive - Brooklyn Road to Cheapside Rd		218,300									218,300	(218,300)					(218,300)	
383081	Hald Rd 9 - Turnbull to Hwy 56				215,400							215,400	(215,400)					(215,400)	
383082	Younge Rd - Diltz Rd to Marshagan Rd				215,400							215,400				(215,400)		(215,400)	
383083	Conc 2 Walpole - 1.4 km west of Cheapside to Sandusk Rd				193,800							193,800				(193,800)		(193,800)	
383084	Riverside Dr - Rainham Rd to Stelco Bridge				172,300							172,300				(172,300)		(172,300)	
383085	Sandusk Rd - Highway 6 to Hald Rd 20				1,023,000							1,023,000	(1,023,000)					(1,023,000)	
383086	5th Line Oneida - Hwy 6 to McKenzie Rd				161,500							161,500				(161,500)		(161,500)	
383087	Broad Rd - 4th Line to River Rd				161,500							161,500				(161,500)		(161,500)	
383088	Hald Rd 50 - Lakeshore Rd to Hald Rd 3				161,500							161,500				(161,500)		(161,500)	
383089	4th Line Oneida - Broad Rd to Mt Healy Rd				86,200							86,200	(86,200)					(86,200)	
383090	2nd Line - McKenzie Rd to Six Nations Boundary					441,500						441,500				(441,500)		(441,500)	
383091	Hutchinson Rd - Hwy 3 to Diltz Rd					441,500						441,500				(441,500)		(441,500)	
383092	Bird Road - Moulton-Aiken Rd to Hwy 3					331,100						331,100				(331,100)		(331,100)	



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2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing	
Surface Treatment Program																			
383093	2nd Line Oneida - Hald Rd 9 to McKenzie Rd					220,800						220,800	(220,800)						(220,800)
383094	Oneida Road - 6th Line to 7th Line			107,700								107,700	(107,700)						(107,700)
383095	5th Line Oneida - Oneida Road to Hwy 6							139,200				139,200				(139,200)			(139,200)
383096	Abbey Road - Haldibrook Rd south to end								35,700			35,700				(35,700)			(35,700)
383097	Bird Road - Hwy 3 to Diltz Rd						203,700					203,700				(203,700)			(203,700)
383098	Brooks Road - Indiana Rd to end			43,100								43,100				(43,100)			(43,100)
383099	Conc 1 Seneca Road - Hald Rd 56 to Turnbull Rd						203,700					203,700				(203,700)			(203,700)
383100	Conc 1 Seneca Road - Turnbull Rd to Caistorville Rd							405,900				405,900	(405,900)						(405,900)
383101	Conc 10 Walpole - Hwy 6 to Hald Rd 55								190,200			190,200				(190,200)			(190,200)
383102	Conc 14 Walpole - Hald Rd 20 to Maplewood						181,000					181,000				(181,000)			(181,000)
383103	Conc 14 Walpole - RR 55 to .3 Km E. of Spruce St							92,800				92,800				(92,800)			(92,800)
383105	Conc 16 Walpole - Hald Rd 74 to Lot 3/4							185,600				185,600				(185,600)			(185,600)
383106	Conc 2 Seneca Road - Hald Rd 56 to Turnbull Rd								237,700			237,700				(237,700)			(237,700)
383107	Conc 2 Walpole - Cheapside Rd to Hald Rd 53					331,100						331,100	(331,100)						(331,100)
383108	Conc 4 Rainham - Hald Rd 53 to Hald Rd 12						362,100					362,100	(362,100)						(362,100)
383109	Conc 4 Walpole - Hald Rd 18 to Hald Rd 55								309,100			309,100				(309,100)			(309,100)
383110	Conc 5 Rainham - Hald Rd 20 to Hald Rd 8						90,500					90,500	(90,500)						(90,500)
383111	Conc 5 Walpole - Hald Rd 18 to Cheapside								309,100			309,100				(309,100)			(309,100)
383112	Conc 6 Walpole - Hald Rd 18 to Cheapside						339,400					339,400	(339,400)						(339,400)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing	
Surface Treatment Program																			
383113	Conc 6 Walpole - Hald Rd 53 to Cheapside								309,100			309,100				(309,100)		(309,100)	
383114	Conc 7 Walpole - Hwy 3 to Townline Road							116,000				116,000				(116,000)		(116,000)	
383115	Cranston Road - Hwy 6 to 300 m south		20,500									20,500				(20,500)		(20,500)	
383116	Decewsville Rd - Hwy 3 to Irish Line								190,200			190,200				(190,200)		(190,200)	
383117	Dickhout Rd - Vilella Rd to Rymer Rd							185,600				185,600				(185,600)		(185,600)	
383118	Edgewater Place - Lakeshore Road to end							92,800				92,800				(92,800)		(92,800)	
383119	Fisherville Rd - Hald Rd 3 to Lakeshore Rd						181,000					181,000				(181,000)		(181,000)	
383120	Hald Dunn Twl - River Rd to Hald Rd 20							116,000				116,000	(116,000)					(116,000)	
383121	Hald Road 49 - Hald Rd 3 to Lakeshore Rd					331,100						331,100	(331,100)					(331,100)	
383122	Hald Road 50 - Hald Rd 20 to Hald Rd 3						362,100					362,100	(362,100)					(362,100)	
383123	Haldibrook Road - Hald Rd 33 to Hwy 6	183,000										183,000				(183,000)		(183,000)	
383124	Haldibrook Road - Hald Rd 56 to Hald Rd 66								95,100			95,100	(95,100)					(95,100)	
383125	Haldibrook Road - Hwy 6 to Glancaster Twl	30,000										30,000				(30,000)		(30,000)	
383126	Haldimand Trail - Hald Rd 3 to 2.0 km south						181,000					181,000				(181,000)		(181,000)	
383127	Inman Road - Hwy 3 to 1.8 km east of Moulton-Aiken Rd						282,900					282,900	(282,900)					(282,900)	
383128	Irish Line - Hald Rd 8 to Hald Rd 20					353,200						353,200				(353,200)		(353,200)	
383129	Irish Line - Hald Rd 8 to River Road						181,000					181,000				(181,000)		(181,000)	
383130	Lakeshore Road - Bookers Rd to Hald Rd 50					276,000						276,000				(276,000)		(276,000)	
383131	Lakeshore Road - Bookers Rd to Reicheld Rd					386,300						386,300				(386,300)		(386,300)	
383132	Lakeshore Road - Hald-Dunn Townline Rd to Hald Rd 49					220,800						220,800	(220,800)					(220,800)	

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
Surface Treatment Program																			
383133	Marshall Road - Hald Trail to Hald Rd 3		123,000									123,000				(123,000)		(123,000)	
383134	Monture Street - Hwy 3 to 600 m north							58,000				58,000				(58,000)		(58,000)	
383135	Moote Road - Robinson Rd to Stringer Rd						226,300					226,300	(226,300)					(226,300)	
383136	Moulton-Aiken Road - Hald Rd 3 to Rattlesnake Rd						362,100					362,100				(362,100)		(362,100)	
383137	Mount Healy Road - 4th Line to River Road								23,800			23,800	(23,800)					(23,800)	
383138	Onondaga Twl Rd Greens Road to tracks						203,700					203,700	(203,700)					(203,700)	
383139	Rattlesnake Road - Booker to 300 m east								23,800			23,800	(23,800)					(23,800)	
383140	River Road - Hald-Dunn to Aikens Rd							231,900				231,900				(231,900)		(231,900)	
383141	River Road - Sutor to Yaremy							231,900				231,900	(231,900)					(231,900)	
383142	Singer Road - Hald Rd 9 south to end						56,600					56,600	(56,600)					(56,600)	
383143	South Coast Drive - Hald Rd 3 to Texaco Underpass At Lake Erie		174,300									174,300				(174,300)		(174,300)	
383144	Sweets Corners Road - Lakeshore Rd to Hald Rd 3								142,600			142,600				(142,600)		(142,600)	
383145	Townline Road E - Hald Rd 54 to Brooks Rd						278,300					278,300	(278,300)					(278,300)	
383146	Townline Road E - Hald Rd 56 to Singer Rd								237,700			237,700	(237,700)					(237,700)	
383147	Townline Road W - Hald Road 20 to River Road						811,800					811,800	(811,800)					(811,800)	
383148	Townline Road W - River Road east to end								35,700			35,700	(35,700)					(35,700)	
383149	Unity Road - Hwy 6 to McClung Road								190,200			190,200				(190,200)		(190,200)	
383150	Villella Road - Pyle Rd to Dickhout Rd						56,600					56,600	(56,600)					(56,600)	
383151	Warnick Road - Neice Rd to end						33,900					33,900	(33,900)					(33,900)	
383152	Wheeler Road - Bluewater Pkwy to Hald Rd 3						181,000					181,000				(181,000)		(181,000)	

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Surface Treatment Program	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Surface Treatment Program																	
383153 York Road - Hald Rd 9 to McKenzie Rd							301,500				301,500	(301,500)					(301,500)
383154 Booker Road - Hald Rd 65 to Rattlesnake Rd							139,200				139,200				(139,200)		(139,200)
383155 Canada Road - Hald Rd 3 to end							46,400				46,400				(46,400)		(46,400)
383156 1st Line Oneida - Hald Rd 9 to Hwy 6								416,000			416,000	(416,000)					(416,000)
383157 Bird Road - Aiken Rd to Canal Bank Rd								237,700			237,700	(237,700)					(237,700)
383160 Bartlett Rd - Robinson Rd to Sutor Road									121,800		121,800	(121,800)					(121,800)
383161 Bartlett Rd - Hines Rd to End									36,600		36,600				(36,600)		(36,600)
383162 Bird Rd - Diltz R to Robinson Rd									121,800		121,800				(121,800)		(121,800)
383163 Bird Rd - Moulton-Aiken Rd to Hwy 3									271,700		271,700				(271,700)		(271,700)
383164 Brookers Rd - Rainham Rd to Lakeshore Rd									149,900		149,900				(149,900)		(149,900)
383165 Carter Rd - Robinson Rd to Diltz Rd									127,900		127,900				(127,900)		(127,900)
383166 Charles Cullen Parkway - River Rd to End									56,000		56,000				(56,000)		(56,000)
383167 Concession 1 Rd South - Hald Rd 17 to Hald Rd 32									523,900		523,900				(523,900)		(523,900)
383168 Concession 10 Walpole - Cheapside Rd to Hwy 6							457,600				457,600	(457,600)					(457,600)
383169 Concession 11 Walpole - Hald Rd 55 to Hald Rd 74 6							282,900				282,900				(282,900)		(282,900)
383170 Concession 4 Walpole - Hald Rd 53 to Cheapside Rd									314,300		314,300				(314,300)		(314,300)
383171 Concession 5 Road - Hald Rd 20 to Fisherville Urban Boundary									341,200		341,200	(341,200)					(341,200)
383172 Concession 5 Walpole - Hald Rd 53 to Cheapside Rd									314,300		314,300				(314,300)		(314,300)
383173 Concession 6 Road - Hald Rd 20 to Hald Rd 53									544,600		544,600	(544,600)					(544,600)
383174 Decewsville Road - Hwy 3 to Townline Rd									187,600		187,600				(187,600)		(187,600)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Surface Treatment Program	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Surface Treatment Program																	
383175 River Drive- Hwy 54 to 0.5km NW										112,400	112,400				(112,400)		(112,400)
383176 3rd line- Hwy 6 west to rail line										334,700	334,700				(334,700)		(334,700)
383177 3rd line - Hwy 6 to 1st row										468,300	468,300	(468,300)					(468,300)
383178 3rd line - McKenzie to Indiana Rd W										1,423,700	1,423,700	(1,240,700)			(183,000)		(1,423,700)
383179 Concession 8 Wal- Yule Rd to Road 55										335,900	335,900				(335,900)		(335,900)
383180 Sutor Rd - Bains Rd to Rainham Rd										394,600	394,600				(394,600)		(394,600)
383181 Conc 8 Walpole - Cheapside Rd to Road 53										1,238,900	1,238,900	(1,238,900)					(1,238,900)
383182 Mcclung Rd - Rd 66 to Haldibrook Rd									762,700		762,700				(762,700)		(762,700)
Total Replacement/State of Good Repair	3,058,000	2,962,500	4,444,200	4,361,200	3,333,400	3,688,600	3,432,900	3,724,200	3,874,300	4,308,500	37,187,800	(13,451,000)	(500,000)		(23,236,800)		(37,187,800)
Total Surface Treatment Program	3,058,000	2,962,500	4,444,200	4,361,200	3,333,400	3,688,600	3,432,900	3,724,200	3,874,300	4,308,500	37,187,800	(13,451,000)	(500,000)		(23,236,800)		(37,187,800)
Total Surface Treatment Program	3,058,000	2,962,500	4,444,200	4,361,200	3,333,400	3,688,600	3,432,900	3,724,200	3,874,300	4,308,500	37,187,800	(13,451,000)	(500,000)		(23,236,800)		(37,187,800)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services
 Stage: Draft Budget

Gravel Road Conversion Program

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Gravel Road Conversion Program																	
New/Enhanced Service																	
381032 Bains Road - Rd 20 to Rd 50	131,300										131,300			(8,800)	(122,500)		(131,300)
381033 Onondaga Road - Greens Rd to Sawmill Rd	44,700										44,700		(22,350)	(1,500)	(20,850)		(44,700)
381036 Sweets Corners Rd - Bains Rd to Rainham Road	45,800										45,800			(3,100)	(42,700)		(45,800)
381037 Conc 6 Rainham - Road 12 to Road 20	59,800										59,800			(4,000)	(55,800)		(59,800)
381038 Conc 2 Rd south - Windecker to Rd 32	66,000										66,000			(4,830)	(61,170)		(66,000)
381039 Windecker Road - Hwy 3 to Conc Rd 1	60,000										60,000			(4,000)	(56,000)		(60,000)
381040 Indiana Road E - Hwy 56 to Turnbull Rd	50,000										50,000			(3,300)	(46,700)		(50,000)
381041 Indiana Road W - 3rd Line to River Rd		25,700									25,700			(1,700)	(24,000)		(25,700)
381043 Moul-Sher Twl - NS Drive to Canal Bank		82,000									82,000			(5,500)	(76,500)		(82,000)
381044 Mt Olivet Road - Richert to Bains Rd		10,300									10,300			(700)	(9,600)		(10,300)
381045 McGowan Road - 5th Line to end		7,700									7,700			(500)	(7,200)		(7,700)
381046 Hart Road - Road 63 to Robinson Rd		8,600									8,600			(500)	(8,100)		(8,600)
381047 Reeds Road - Hwy 3 to Townline Road		9,000									9,000			(600)	(8,400)		(9,000)
381048 Melick Road - Moote Rd to Lane Rd	64,000										64,000			(4,300)	(59,700)		(64,000)
381049 Windecker Road - Conc Rd 1 to Road 17	66,700										66,700			(4,500)	(62,200)		(66,700)
381050 Conc 14 Townsend - Twl Rd to Norfolk	25,000										25,000			(1,680)	(23,320)		(25,000)
381051 Dickhout Road - Moul Sher Twl to Rymer		7,500									7,500			(500)	(7,000)		(7,500)
381052 Gore A Rd - Hutchinson to Wainfleet Twl		8,900									8,900			(600)	(8,300)		(8,900)
381053 Richert Rd - River Rd to Road 20		33,100									33,100			(2,200)	(30,900)		(33,100)
381054 Wilson Rd - River Rd to Meadows Rd		8,000									8,000			(500)	(7,500)		(8,000)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails

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HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Gravel Road Conversion Program	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031							
Gravel Road Conversion Program																	
381055 Feeder Lane - Aiken Rd to Canal Bank Rd		7,400										7,400			(400)	(7,000)	(7,400)
381057 Indiana Rd E - Turnbull to HD Twl	320,000		77,900									397,900			(31,600)	(366,300)	(397,900)
381058 Little Rd - Road 20 to Irish Line	115,000		77,700									192,700			(18,800)	(173,900)	(192,700)
381069 Calvert Rd - Gore A to Marshagan Rd	10,000											10,000			(670)	(9,330)	(10,000)
381070 Turnbull Rd - Townline Rd to Conc 1 Seneca	46,200											46,200			(3,100)	(43,100)	(46,200)
381071 Oneida Rd - 6th line to Tracks	10,000											10,000			(600)	(9,400)	(10,000)
381073 Bird Rd - Canal Bank to Dickhout		41,000										41,000			(2,800)	(38,200)	(41,000)
381074 Meadows Rd - Sutor to Yaremy Rd	225,000		56,400									281,400			(22,600)	(258,800)	(281,400)
381075 Farr Rd - NS Drive to Mou Sher Twl		117,400		23,000								140,400			(9,400)	(131,000)	(140,400)
381076 Meadows Rd - Mt Olivet to Sutor Rd	240,000		71,400									311,400			(28,800)	(282,600)	(311,400)
381077 Singer Rd - Conc 2 Rd to Indiana Rd	280,000		64,300									344,300			(32,300)	(312,000)	(344,300)
381078 Booker Rd - Road 65 to Wainfleet Line		298,700		58,500								357,200			(24,100)	(333,100)	(357,200)
381079 Conc 12 Townsend - Rd 74 to Norfolk		290,300		56,900								347,200			(23,500)	(323,700)	(347,200)
381080 Grant Rd - Indiana Rd to Townline Rd		247,900		48,600								296,500			(19,900)	(276,600)	(296,500)
381081 Junction Rd - Hwy 3 to Townline Rd E	160,000		47,600									207,600			(19,500)	(188,100)	(207,600)
381082 Feeder Canal Ln - Rd 3 to Rd 64		226,200		44,300								270,500			(18,300)	(252,200)	(270,500)
381083 Lynvalley Rd - Hwy 6 to Road 70	150,000		39,100									189,100			(22,640)	(166,460)	(189,100)
381084 Sutor Rd - Bains Rd to Road 3	120,000		29,800									149,800			(14,000)	(135,800)	(149,800)
381085 Conc 3 Rainham - Sweets Rd to Bains Rd	10,500											10,500			(700)	(9,800)	(10,500)
381086 Bains Rd - Rd 50 to HD Twl	20,000		101,200									121,200			(8,800)	(112,400)	(121,200)
381087 S Cayuga Rd - River Rd to Road 20	110,000		28,700									138,700			(12,900)	(125,800)	(138,700)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Gravel Road Conversion Program	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031							
Gravel Road Conversion Program																	
381088 Yule Rd - Conc 9 Wal to Conc 8 Wal		169,300		33,400							202,700			(13,700)	(189,000)		(202,700)
381089 Moote Rd - Road 63 to County Line		121,000		23,700							144,700			(9,700)	(135,000)		(144,700)
381090 Duxbury Rd - Road 9 to Townline Rd		299,800		47,800							347,600			(23,500)	(324,100)		(347,600)
381091 Cranston Rd - Hwy 6 to Conc 9 Wal		89,500		17,600							107,100			(7,200)	(99,900)		(107,100)
381092 Project Manager, Gravel Road Conversion Program	131,010	134,300									265,310			(17,810)	(247,500)		(265,310)
381093 Conc 5 - Road 70 to Sandusk Road	240,000										240,000			(16,800)	(223,200)		(240,000)
381094 Conc 5 - Sandusk Rd to Road 53		225,500									225,500			(15,800)	(209,700)		(225,500)
381095 River Road at Hald 9 - Decommissioning		76,900									76,900			(5,500)	(71,400)		(76,900)
Total New/Enhanced Service	2,801,010	2,546,000	594,100	353,800							6,294,910			(22,350)	(478,730)	(5,793,830)	(6,294,910)
Total Gravel Road Conversion Program	2,801,010	2,546,000	594,100	353,800							6,294,910			(22,350)	(478,730)	(5,793,830)	(6,294,910)
Total Gravel Road Conversion Program	2,801,010	2,546,000	594,100	353,800							6,294,910			(22,350)	(478,730)	(5,793,830)	(6,294,910)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Municipal Drains	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Municipal Drain Maintenance																	
Replacement/State of Good Repair																	
378001 McNichol Maintenance								24,300			24,300	(7,300)	(9,700)		(7,300)		(24,300)
378002 Babiy Maintenance								28,000			28,000	(8,400)	(11,200)		(8,400)		(28,000)
378003 Barry Maintenance								30,300			30,300	(9,100)	(12,100)		(9,100)		(30,300)
378004 Sugar Creek Main Maintenance								41,600			41,600	(12,500)	(16,600)		(12,500)		(41,600)
378005 Siddal Maintenance								25,400			25,400	(7,600)	(10,200)		(7,600)		(25,400)
378006 Holtrop Maintenance								18,300			18,300	(5,500)	(7,300)		(5,500)		(18,300)
378007 Allen Maintenance								8,600			8,600	(2,600)	(3,400)		(2,600)		(8,600)
378008 Moulton Station Maintenance								20,600			20,600	(6,200)	(8,200)		(6,200)		(20,600)
378009 Fred Buckner Maintenance									31,000		31,000	(9,300)	(12,400)		(9,300)		(31,000)
378010 Buckner Maintenance									27,300		27,300	(8,200)	(10,900)		(8,200)		(27,300)
378011 Broad Creek Maintenance									41,000		41,000	(12,300)	(16,400)		(12,300)		(41,000)
378012 Lindsay Maintenance									28,700		28,700	(8,600)	(11,500)		(8,600)		(28,700)
378018 Baker Main Maintenance	25,500										25,500	(7,650)	(10,200)		(7,650)		(25,500)
378019 Sweets Corners Maintenance	63,100										63,100	(18,930)	(25,240)		(18,930)		(63,100)
378020 Townline Br. of the Black Crk Maint	12,300										12,300	(3,690)	(4,920)		(3,690)		(12,300)
378021 Michener #1 Maintenance	22,400										22,400	(6,720)	(8,960)		(6,720)		(22,400)
378022 Michener Main Maintenance	20,400										20,400	(6,120)	(8,160)		(6,120)		(20,400)
378023 Ordnance Reserve Maintenance	42,200										42,200	(12,660)	(16,880)		(12,660)		(42,200)
378024 King Branch 1 & 2 Maintenance	37,700										37,700	(11,310)	(15,080)		(11,310)		(37,700)
378025 Black Creek Maintenance	66,200										66,200	(19,860)	(26,480)		(19,860)		(66,200)
378026 Baker East Maintenance	22,400										22,400	(6,720)	(8,960)		(6,720)		(22,400)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Municipal Drains	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Municipal Drain Maintenance																	
378027 Baker West Maintenance	24,500										24,500	(7,350)	(9,800)		(7,350)		(24,500)
378028 Sixth Concession Maintenance		41,700									41,700	(12,500)	(16,700)		(12,500)		(41,700)
378029 Mazi Maintenance		36,000									36,000	(10,800)	(14,400)		(10,800)		(36,000)
378030 Weikman Maintenance		27,100									27,100	(8,100)	(10,900)		(8,100)		(27,100)
378031 Seneca Greens Maintenance		2,000									2,000	(600)	(800)		(600)		(2,000)
378032 Anderson Maintenance		8,600									8,600	(2,600)	(3,400)		(2,600)		(8,600)
378033 Harrop Maintenance		100,100									100,100	(30,000)	(40,100)		(30,000)		(100,100)
378034 Hunter Maintenance		11,400									11,400	(3,400)	(4,600)		(3,400)		(11,400)
378035 Lundy Maintenance		27,100									27,100	(8,100)	(10,900)		(8,100)		(27,100)
378036 North Forks Maintenance			81,300								81,300	(24,400)	(32,500)		(24,400)		(81,300)
378037 South Forks Maintenance			34,300								34,300	(10,300)	(13,700)		(10,300)		(34,300)
378038 Maple Creek Maintenance			103,700								103,700	(31,100)	(41,500)		(31,100)		(103,700)
378039 Maple Creek Dunn Branch Maint			17,100								17,100	(5,100)	(6,900)		(5,100)		(17,100)
378040 Bravin Maintenance				44,000							44,000	(13,200)	(17,600)		(13,200)		(44,000)
378041 Chrysler Maintenance				25,300							25,300	(7,600)	(10,100)		(7,600)		(25,300)
378042 Deamude Maintenance				25,300							25,300	(7,600)	(10,100)		(7,600)		(25,300)
378043 West Kelly Maintenance				65,700							65,700	(19,700)	(26,300)		(19,700)		(65,700)
378044 Byers Maintenance				15,400							15,400	(4,600)	(6,200)		(4,600)		(15,400)
378045 Girling Maintenance				4,400							4,400	(1,300)	(1,800)		(1,300)		(4,400)
378046 Pat Warren Maintenance			22,400								22,400	(6,700)	(9,000)		(6,700)		(22,400)
378047 Boulton Maintenance					15,700						15,700	(4,700)	(6,300)		(4,700)		(15,700)
378048 Ellsworth Maintenance					33,700						33,700	(10,100)	(13,500)		(10,100)		(33,700)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Municipal Drains	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Municipal Drain Maintenance																	
378049 Furry Maintenance					50,600						50,600	(15,200)	(20,200)		(15,200)		(50,600)
378050 Mackeigan Maintenance					10,000						10,000	(3,000)	(4,000)		(3,000)		(10,000)
378051 Tweed Maintenance					52,900						52,900	(15,900)	(21,100)		(15,900)		(52,900)
378052 Hoover Creek Maintenance					43,700						43,700	(13,100)	(17,500)		(13,100)		(43,700)
378053 Wolf Creek Maintenance					10,100						10,100	(3,000)	(4,100)		(3,000)		(10,100)
378054 Crow Road Maintenance					19,000						19,000	(5,700)	(7,600)		(5,700)		(19,000)
378055 East Kelly Maintenance					31,400						31,400	(9,400)	(12,600)		(9,400)		(31,400)
378056 Chalmers Dickout Maintenance						35,700					35,700	(10,700)	(14,300)		(10,700)		(35,700)
378057 H.E. Dickout Maintenance						25,300					25,300	(7,600)	(10,100)		(7,600)		(25,300)
378058 Bouck & Moyer Maintenance						57,600					57,600	(17,300)	(23,000)		(17,300)		(57,600)
378059 Brown Maintenance						23,000					23,000	(6,900)	(9,200)		(6,900)		(23,000)
378060 Boorsma Maintenance						18,400					18,400	(5,500)	(7,400)		(5,500)		(18,400)
378061 Charles Angle Maintenance						9,300					9,300	(2,800)	(3,700)		(2,800)		(9,300)
378062 Felgner Maintenance						11,300					11,300	(3,400)	(4,500)		(3,400)		(11,300)
378063 Harvey Maintenance									15,000		15,000	(4,500)	(6,000)		(4,500)		(15,000)
378064 Jones Maintenance						7,000					7,000	(2,100)	(2,800)		(2,100)		(7,000)
378065 Farr Maintenance						14,000					14,000	(4,200)	(5,600)		(4,200)		(14,000)
378066 Dent Maintenance						53,000					53,000	(15,900)	(21,200)		(15,900)		(53,000)
378067 Chick Hartnett Maintenance							41,400				41,400	(12,400)	(16,600)		(12,400)		(41,400)
378068 Hartnett Branch #1 Maintenance							13,000				13,000	(3,900)	(5,200)		(3,900)		(13,000)
378069 Hartnett Branch #2 Maintenance							9,400				9,400	(2,800)	(3,800)		(2,800)		(9,400)
378070 Hartnett Main Maintenance							20,000				20,000	(6,000)	(8,000)		(6,000)		(20,000)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Municipal Drains	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Municipal Drain Maintenance																	
378071 Chick Main Maintenance							19,000				19,000	(5,700)	(7,600)		(5,700)		(19,000)
378072 Chick Branch #1 Maintenance							10,000				10,000	(3,000)	(4,000)		(3,000)		(10,000)
378073 Chick Branch #2 Maintenance							9,700				9,700	(2,900)	(3,900)		(2,900)		(9,700)
378074 North Hutchinson N. Maintenance							16,600				16,600	(5,000)	(6,600)		(5,000)		(16,600)
378075 North Hutchinson S Maintenance							20,000				20,000	(6,000)	(8,000)		(6,000)		(20,000)
378076 South Hutchinson Maintenance							30,700				30,700	(9,200)	(12,300)		(9,200)		(30,700)
378077 Jarvis 1 Maintenance				134,600			60,300				194,900	(18,100)	(69,000)		(107,800)		(194,900)
378078 Jarvis 2 Maintenance							34,300				34,300	(10,300)	(13,700)		(10,300)		(34,300)
378079 S Caledonia Douglas Dr Mutual Agreement Dr									60,900		60,900				(60,900)		(60,900)
378080 Carter Maintenance				60,300							60,300	(18,100)	(24,100)		(18,100)		(60,300)
378083 Misc Municipal Drain Maintenance	40,000	41,000	42,000	43,000	44,100	45,300	46,400	47,600	48,700		398,100	(119,400)	(159,300)		(119,400)		(398,100)
378085 Sundy Maintenance		57,000									57,000	(17,100)	(22,800)		(17,100)		(57,000)
378086 Sugar Creek Maintenance								48,400			48,400	(14,500)	(19,400)		(14,500)		(48,400)
378088 Corbott Maintenance	66,000										66,000	(19,800)	(26,400)		(19,800)		(66,000)
378089 Van Kuren Maintenance		39,300									39,300	(11,800)	(15,700)		(11,800)		(39,300)
Total Replacement/State of Good Repair	442,700	391,300	300,800	418,000	311,200	299,900	330,800	293,100	252,600		3,040,400	(853,310)	(1,183,180)		(1,003,910)		(3,040,400)
Total Municipal Drain Maintenance	442,700	391,300	300,800	418,000	311,200	299,900	330,800	293,100	252,600		3,040,400	(853,310)	(1,183,180)		(1,003,910)		(3,040,400)
Municipal Drains Construction																	
New/Enhanced Service																	
379005 Middaugh Drain Phase 1 - Construction (16)			165,700								165,700		(149,130)		(16,570)		(165,700)
379010 Middaugh Drain Phase 2 - Construction				109,600							109,600		(98,640)		(10,960)		(109,600)
Total New/Enhanced Service			165,700	109,600							275,300		(247,770)		(27,530)		(275,300)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Municipal Drains	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Total Municipal Drains Construction			165,700	109,600							275,300		(247,770)		(27,530)		(275,300)
Total Municipal Drains	442,700	391,300	466,500	527,600	311,200	299,900	330,800	293,100	252,600		3,315,700	(853,310)	(1,430,950)		(1,031,440)		(3,315,700)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget												Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing												
2022	2023	2024	2025	2026	2027	2028	2029	2030	2031																					
Other Roadwork																														
Bridge & Culvert (<3m) Maintenance																														
Replacement/State of Good Repair																														
339001	Culvert Placement and Lining Rehabilitation											200,000	205,000	210,200	215,500	220,900	226,500	232,200	238,100	244,100	250,300	2,242,800		(2,242,800)	(2,242,800)					
Total Replacement/State of Good Repair												200,000	205,000	210,200	215,500	220,900	226,500	232,200	238,100	244,100	250,300	2,242,800								
Total Bridge & Culvert (<3m) Maintenance												200,000	205,000	210,200	215,500	220,900	226,500	232,200	238,100	244,100	250,300	2,242,800								
Hardtop Surface & Shoulder Maintenance																														
Replacement/State of Good Repair																														
331001	Raised Traffic Island and Curb Rehabilitation											100,000	102,500	105,100	107,800	110,500	113,300	116,200	119,200	122,200	125,300	1,122,100		(1,122,100)	(1,122,100)					
331002	Hot Mix Padding											100,000	102,500	105,100	107,800	110,500	113,300	116,200	119,200	122,200	125,300	1,122,100		(1,122,100)	(1,122,100)					
331004	Pavement Preservation Program											100,000	102,500	105,100	107,700	110,400	113,100	116,000	118,900	121,800	124,900	1,120,400		(1,120,400)	(1,120,400)					
Total Replacement/State of Good Repair												300,000	307,500	315,300	323,300	331,400	339,700	348,400	357,300	366,200	375,500	3,364,600								
Total Hardtop Surface & Shoulder Maintenance												300,000	307,500	315,300	323,300	331,400	339,700	348,400	357,300	366,200	375,500	3,364,600								
Miscellaneous Construction																														
Replacement/State of Good Repair																														
375002	Excess Soils Management Program											150,000	153,800	157,600	161,500	165,600	169,700	174,000	178,300	182,800	187,300	1,680,600		(1,680,600)	(1,680,600)					
375019	Caledonia Downtown Municipal Parking Lot Paving														306,900								306,900		(276,200)	(30,700)	(306,900)			
Total Replacement/State of Good Repair												150,000	153,800	157,600	468,400	165,600	169,700	174,000	178,300	182,800	187,300	1,987,500								
New/Enhanced Service																														
375018	Caledonia Decorative Crosswalks														142,100								142,100		(39,800)	(102,300)	(142,100)			
375032	Pedestrian Crossover											240,000	246,000										486,000		(486,000)	(486,000)				
Total New/Enhanced Service												240,000	246,000		142,100							628,100								
Total Miscellaneous Construction												390,000	399,800	157,600	610,500	165,600	169,700	174,000	178,300	182,800	187,300	2,615,600								



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Other Roadwork	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Signage and Safety Devices																	
Replacement/State of Good Repair																	
339003 Post and 3 Cable Guiderail Replacement Program [R]	500,000	1,537,500	525,300			282,900	289,900	297,200	304,600	312,200	4,049,600				(4,049,600)		(4,049,600)
Total Replacement/State of Good Repair	500,000	1,537,500	525,300			282,900	289,900	297,200	304,600	312,200	4,049,600				(4,049,600)		(4,049,600)
New/Enhanced Service																	
339002 Roadside Barrier Program	100,000	102,500	105,100	107,800	110,500	113,300	116,200	119,200	122,200	125,300	1,122,100				(1,122,100)		(1,122,100)
Total New/Enhanced Service	100,000	102,500	105,100	107,800	110,500	113,300	116,200	119,200	122,200	125,300	1,122,100				(1,122,100)		(1,122,100)
Total Signage and Safety Devices	600,000	1,640,000	630,400	107,800	110,500	396,200	406,100	416,400	426,800	437,500	5,171,700				(5,171,700)		(5,171,700)
Storm Sewer/Catch Basin Maintenance																	
Replacement/State of Good Repair																	
335001 Storm Sewer/Catch Basin Rehabilitation	60,000	61,500	63,100	64,700	66,400	68,100	69,900	71,700	73,500	75,400	674,300				(674,300)		(674,300)
Total Replacement/State of Good Repair	60,000	61,500	63,100	64,700	66,400	68,100	69,900	71,700	73,500	75,400	674,300				(674,300)		(674,300)
Total Storm Sewer/Catch Basin Maintenance	60,000	61,500	63,100	64,700	66,400	68,100	69,900	71,700	73,500	75,400	674,300				(674,300)		(674,300)
Street Lighting																	
Replacement/State of Good Repair																	
349002 Streetlight/Decorative Light Replacement	10,000	10,300	10,600	10,900	11,200	11,500	11,800	12,100	12,500	12,900	113,800				(113,800)		(113,800)
349007 Streetlight Design and Review	5,000	5,100	5,300	5,400	5,500	5,700	5,800	5,900	6,100		49,800				(49,800)		(49,800)
349009 Streetlight Banner Poles - Cayuga	25,000										25,000				(25,000)		(25,000)
Total Replacement/State of Good Repair	40,000	15,400	15,900	16,300	16,700	17,200	17,600	18,000	18,600	12,900	188,600				(188,600)		(188,600)
Total Street Lighting	40,000	15,400	15,900	16,300	16,700	17,200	17,600	18,000	18,600	12,900	188,600				(188,600)		(188,600)
Technical Studies																	
Replacement/State of Good Repair																	

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Other Roadwork	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Technical Studies																	
377003 Preliminary Engineering Investigations	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000				(250,000)		(250,000)
377004 Roads Needs Study				75,000				75,000			150,000				(150,000)		(150,000)
377010 Annual Traffic Count Study	25,000	25,600	26,300	26,900	27,600	28,300	29,000	29,700	30,500	31,200	280,100				(280,100)		(280,100)
377011 Roadside Safety Audit				300,000							300,000				(300,000)		(300,000)
Total Replacement/State of Good Repair	50,000	50,600	51,300	426,900	52,600	53,300	54,000	129,700	55,500	56,200	980,100				(980,100)		(980,100)
New/Enhanced Service																	
377001 Jar - Master Servicing Plan Update [W] [WW][S]				16,200						18,800	35,000			(35,000)			(35,000)
377002 Cal - Master Servicing Plan Update [W] [WW][S]					55,200						55,200			(55,200)			(55,200)
377007 Hag - Master Servicing Plan Update [W][WW][S]	30,000						34,800				64,800			(64,800)			(64,800)
377008 Dun - Master Servicing Plan Update [W][WW][S]		30,800						35,700			66,500			(66,500)			(66,500)
377009 Cay - Master Servicing Plan Update [W][WW][S]			31,600						36,600		68,200			(68,200)			(68,200)
377012 LEIP - Master Servicing Plan Update [W][WW][S]						56,600					56,600			(56,600)			(56,600)
Total New/Enhanced Service	30,000	30,800	31,600	16,200	55,200	56,600	34,800	35,700	36,600	18,800	346,300			(346,300)			(346,300)
Total Technical Studies	80,000	81,400	82,900	443,100	107,800	109,900	88,800	165,400	92,100	75,000	1,326,400			(346,300)	(980,100)		(1,326,400)
Traffic Signals																	
New/Enhanced Service																	
336004 Traffic Signal Additional Inventory					16,700						16,700				(16,700)		(16,700)
Total New/Enhanced Service					16,700						16,700				(16,700)		(16,700)
Total Traffic Signals					16,700						16,700				(16,700)		(16,700)
Total Other Roadwork	1,670,000	2,710,600	1,475,400	1,781,200	1,036,000	1,327,300	1,337,000	1,445,200	1,404,100	1,413,900	15,600,700			(662,300)	(14,938,400)		(15,600,700)



Haldimand County



Haldimand
County

Environmental Services



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Environmental Services Stage: Draft Budget	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Urban Storm Sewer System	1,990,000	194,800	1,129,800	375,300	619,800	215,300	203,300	226,300	749,900	219,100	5,923,600			(235,200)	(5,688,400)		(5,923,600)
Total Urban Storm Sewer System	1,990,000	194,800	1,129,800	375,300	619,800	215,300	203,300	226,300	749,900	219,100	5,923,600			(235,200)	(5,688,400)		(5,923,600)
Solid Waste Collection	12,000										12,000				(12,000)		(12,000)
Total Solid Waste Collection Program	12,000										12,000				(12,000)		(12,000)
Canborough Perpetual Care	10,000	10,300	10,600	10,900	11,200	11,500	11,800	12,100	12,500	12,900	113,800		(64,400)		(49,400)		(113,800)
Canborough Transfer Station	95,000	90,600	31,600	16,200	16,700	17,200	35,100	105,700	18,700	19,200	446,000				(446,000)		(446,000)
Other Perpetual Care	90,500	89,800	90,600	97,800	5,800	17,500	18,000	18,500	6,600	6,800	441,900				(441,900)		(441,900)
Tom Howe Perpetual Care	533,550	36,000	37,000	38,000	94,000	41,000	41,100	42,200	43,400	59,400	965,650		(545,870)		(419,780)		(965,650)
Total Solid Waste Disposal	729,050	226,700	169,800	162,900	127,700	87,200	106,000	178,500	81,200	98,300	1,967,350		(610,270)		(1,357,080)		(1,967,350)
Total Environmental Services	2,731,050	421,500	1,299,600	538,200	747,500	302,500	309,300	404,800	831,100	317,400	7,902,950		(610,270)	(235,200)	(7,057,480)		(7,902,950)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Environmental Services Stage: Draft Budget		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing	
Urban Storm Sewer System																			
Urban Storm Sewer System																			
Replacement/State of Good Repair																			
495003	CCTV Inspect Prgrm - Structural Assess'ts [WW]	25,000	25,600	26,300	26,900	27,600	28,300	29,000	29,700	30,500	31,200	280,100				(280,100)		(280,100)	
495004	System Annual Maintenance	55,000	56,400	57,900	59,400	60,900	62,500	64,100	65,800	67,500	69,200	618,700				(618,700)		(618,700)	
495014	Storm Water Management Pond Program	80,000	82,000	84,100	86,200	88,300	90,500	92,800	95,100	97,500	99,900	896,400				(896,400)		(896,400)	
495023	River Road - Hwy 3 to Sutor Rd Culvert Replacement [R] [TR]			105,100								105,100				(105,100)		(105,100)	
495025	Gypsum Ave - Argyle to End [CIW] [R] [SS]				82,900							82,900				(82,900)		(82,900)	
495026	Inverness St - Caithness St to Sutherland [CIW] [R] [SS]				103,700							103,700				(103,700)		(103,700)	
495027	Cross Street - Pine to Tamarac [CIW] [R] [SS]					327,800						327,800				(327,800)		(327,800)	
495028	Cross St W - Eliz Cr to Pine [CIW] [R] [SS]					82,000						82,000				(82,000)		(82,000)	
495029	Caithness Street - Cameron to Argyle [CIW] [R] [SS]									536,100		536,100				(536,100)		(536,100)	
495031	Nelles corners/old talbot road storm sewer rehab	100,000										100,000				(100,000)		(100,000)	
495032	Sutherland St E - Storm Sewer (R)			420,300								420,300				(420,300)		(420,300)	
Total Replacement/State of Good Repair		260,000	164,000	693,700	359,100	586,600	181,300	185,900	190,600	731,600	200,300	3,553,100				(3,553,100)		(3,553,100)	
New/Enhanced Service																			
495001	Cal - Master Servicing Plan Update [W] [WW][R]					33,200						33,200			(33,200)			(33,200)	
495002	Jar - Master Servicing Plan Update [W] [WW][R]				16,200						18,800	35,000			(35,000)			(35,000)	
495015	Hag - Master Servicing Plan Update [W][WW][R]	15,000						17,400				32,400			(32,400)			(32,400)	
495016	Dun - Master Servicing Plan Update [W][WW][R]		30,800						35,700			66,500			(66,500)			(66,500)	
495017	Cay - Master Servicing Plan Update [W][WW][R]			15,800						18,300		34,100			(34,100)			(34,100)	
495019	Storm Sewer Jarvis – Walpole Drive, Monson to Talbot [R] [W]	15,000		420,300								435,300				(435,300)		(435,300)	

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY
2022 to 2031 CAPITAL FORECAST

FIR Category: Environmental Services Stage: Draft Budget												Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Urban Storm Sewer System	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031								
Urban Storm Sewer System																		
495022 LEIP - Master Servicing Plan [W][WW] [R]						34,000						34,000			(34,000)		(34,000)	
495030 FMBP Stormwater Management Pond Upgrade	1,700,000											1,700,000			(1,700,000)		(1,700,000)	
Total New/Enhanced Service	1,730,000	30,800	436,100	16,200	33,200	34,000	17,400	35,700	18,300	18,800		2,370,500			(235,200)	(2,135,300)	(2,370,500)	
Total Urban Storm Sewer System	1,990,000	194,800	1,129,800	375,300	619,800	215,300	203,300	226,300	749,900	219,100		5,923,600			(235,200)	(5,688,400)	(5,923,600)	
Total Urban Storm Sewer System	1,990,000	194,800	1,129,800	375,300	619,800	215,300	203,300	226,300	749,900	219,100		5,923,600			(235,200)	(5,688,400)	(5,923,600)	

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Environmental Services Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Solid Waste Collection Program																	
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031							
Solid Waste Collection																	
Replacement/State of Good Repair																	
419001 Public Space Garbage Receptacles	12,000										12,000				(12,000)	(12,000)	
Total Replacement/State of Good Repair	12,000										12,000				(12,000)	(12,000)	
Total Solid Waste Collection	12,000										12,000				(12,000)	(12,000)	
Total Solid Waste Collection Program	12,000										12,000				(12,000)	(12,000)	



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Environmental Services Stage: Draft Budget												Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Debture Financing	Total Financing								
2022	2023	2024	2025	2026	2027	2028	2029	2030	2031																	
Solid Waste Disposal																										
Canborough Perpetual Care																										
Replacement/State of Good Repair																										
425002	General Maintenance Perpetual											10,000	10,300	10,600	10,900	11,200	11,500	11,800	12,100	12,500	12,900	113,800		(64,400)	(49,400)	(113,800)
Total Replacement/State of Good Repair												10,000	10,300	10,600	10,900	11,200	11,500	11,800	12,100	12,500	12,900	113,800		(64,400)	(49,400)	(113,800)
Total Canborough Perpetual Care												10,000	10,300	10,600	10,900	11,200	11,500	11,800	12,100	12,500	12,900	113,800		(64,400)	(49,400)	(113,800)
Canborough Transfer Station																										
Replacement/State of Good Repair																										
424001	Waste Mgmt Facility Repairs											15,000	15,400	31,600	16,200	16,700	17,200	35,100	18,200	18,700	19,200	203,300			(203,300)	(203,300)
424008	Tipping Floor Repairs/Resurfacing												75,200						87,500				162,700		(162,700)	(162,700)
Total Replacement/State of Good Repair												15,000	90,600	31,600	16,200	16,700	17,200	35,100	105,700	18,700	19,200	366,000			(366,000)	(366,000)
New/Enhanced Service																										
424004	Liquid Waste Containment Pad											80,000											80,000		(80,000)	(80,000)
Total New/Enhanced Service												80,000										80,000			(80,000)	(80,000)
Total Canborough Transfer Station												95,000	90,600	31,600	16,200	16,700	17,200	35,100	105,700	18,700	19,200	446,000			(446,000)	(446,000)
Other Perpetual Care																										
Replacement/State of Good Repair																										
429002	General Maintenance - Perpetual Sites											5,000	5,200	5,400	5,600	5,800	6,000	6,200	6,400	6,600	6,800	59,000			(59,000)	(59,000)
Total Replacement/State of Good Repair												5,000	5,200	5,400	5,600	5,800	6,000	6,200	6,400	6,600	6,800	59,000			(59,000)	(59,000)
New/Enhanced Service																										
429003	Closed Landfills - ESA Phase 1 & 2												84,600	85,200	92,200		11,500	11,800	12,100				297,400		(297,400)	(297,400)
429005	Peebles Street Landfill Site Fencing											65,000											65,000		(65,000)	(65,000)
429006	Monitoring Well Installation at Sherbrooke Landfill Site											20,500											20,500		(20,500)	(20,500)
Total New/Enhanced Service												85,500	84,600	85,200	92,200		11,500	11,800	12,100			382,900			(382,900)	(382,900)
Total Other Perpetual Care												90,500	89,800	90,600	97,800	5,800	17,500	18,000	18,500	6,600	6,800	441,900			(441,900)	(441,900)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Environmental Services Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
2022	2023	2024	2025	2026	2027	2028	2029	2030	2031								
Solid Waste Disposal																	
Tom Howe Perpetual Care																	
Replacement/State of Good Repair																	
428004	General Maintenance Perpetual	10,000	10,300	10,600	10,900	11,200	11,500	11,800	12,100	12,500	12,900	113,800		(64,400)	(49,400)	(113,800)	
428009	Pneumatic Pumps	25,000	25,700	26,400	27,100	27,800	28,500	29,300	30,100	30,900	31,700	282,500		(159,630)	(122,870)	(282,500)	
428010	Flare Control Hardware					5,800					6,800	12,600		(7,100)	(5,500)	(12,600)	
428012	Servers (SCADA)					7,000					8,000	15,000		(8,500)	(6,500)	(15,000)	
428015	Software (SCADA)					15,900						15,900		(9,000)	(6,900)	(15,900)	
428016	Desktops (SCADA)					1,900						1,900		(1,100)	(800)	(1,900)	
428017	Landfill Gas Flare Shell/Insulation Replacement					24,400						24,400		(13,800)	(10,600)	(24,400)	
428018	Connectivity Equipment (SCADA)	550					1,000					1,550		(870)	(680)	(1,550)	
428022	Tom Howe Flare System Replacement	498,000										498,000		(281,470)	(216,530)	(498,000)	
Total Replacement/State of Good Repair		533,550	36,000	37,000	38,000	94,000	41,000	41,100	42,200	43,400	59,400	965,650		(545,870)	(419,780)	(965,650)	
Total Tom Howe Perpetual Care		533,550	36,000	37,000	38,000	94,000	41,000	41,100	42,200	43,400	59,400	965,650		(545,870)	(419,780)	(965,650)	
Total Solid Waste Disposal		729,050	226,700	169,800	162,900	127,700	87,200	106,000	178,500	81,200	98,300	1,967,350		(610,270)	(1,357,080)	(1,967,350)	



Haldimand County



Haldimand
County

Health Services



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Health Services Stage: Draft Budget	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Caledonia Ambulance Base	598,500										598,500			(172,040)	(1,300)	(425,160)	(598,500)
Dunnville Ambulance Base					1,927,600						1,927,600				(6,900)	(1,920,700)	(1,927,600)
Paramedic Services Administration	396,500	359,400	140,800	69,400	31,000	306,700	310,700	111,900	53,700	35,100	1,815,200	(147,000)			(1,668,200)		(1,815,200)
Total Paramedic Services	995,000	359,400	140,800	69,400	1,958,600	306,700	310,700	111,900	53,700	35,100	4,341,300	(147,000)		(172,040)	(1,676,400)	(2,345,860)	(4,341,300)
Caledonia Cemeteries		70,000									70,000			(63,000)	(7,000)		(70,000)
Cayuga Cemeteries		40,000		200,000							240,000			(180,000)	(60,000)		(240,000)
Cemeteries Administration	35,000	35,900	36,800	37,800	38,800	39,800	40,800	41,800	42,800	43,900	393,400				(393,400)		(393,400)
Dunnville Cemeteries	12,000	92,100	2,200	2,300	2,400	2,500	2,600	2,700	2,800	2,900	124,500			(63,000)	(61,500)		(124,500)
Hagersville Cemeteries		70,000		25,000							95,000			(85,500)	(9,500)		(95,000)
Total Cemeteries	47,000	308,000	39,000	265,100	41,200	42,300	43,400	44,500	45,600	46,800	922,900			(391,500)	(531,400)		(922,900)
Total Health Services	1,042,000	667,400	179,800	334,500	1,999,800	349,000	354,100	156,400	99,300	81,900	5,264,200	(147,000)		(563,540)	(2,207,800)	(2,345,860)	(5,264,200)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Health Services Stage: Draft Budget Paramedic Services	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Caledonia Ambulance Base																	
Replacement/State of Good Repair																	
542001 Caledonia Paramedic Services Base	598,500										598,500			(172,040)	(1,300)	(425,160)	(598,500)
Total Replacement/State of Good Repair	598,500										598,500			(172,040)	(1,300)	(425,160)	(598,500)
Total Caledonia Ambulance Base	598,500										598,500			(172,040)	(1,300)	(425,160)	(598,500)
Dunnville Ambulance Base																	
Replacement/State of Good Repair																	
546002 Dunnville Paramedic Services Base					1,927,600						1,927,600				(6,900)	(1,920,700)	(1,927,600)
Total Replacement/State of Good Repair					1,927,600						1,927,600				(6,900)	(1,920,700)	(1,927,600)
Total Dunnville Ambulance Base					1,927,600						1,927,600				(6,900)	(1,920,700)	(1,927,600)
Paramedic Services Administration																	
Replacement/State of Good Repair																	
541001 Paramedic Services - Medical Equip't Replacm't	25,000	25,600	26,200	26,900	27,600	28,300	29,000	29,700	30,400	31,200	279,900				(279,900)		(279,900)
541002 Defibrillator Replacement	208,000	213,200				235,300	241,200				897,700				(897,700)		(897,700)
541003 Furniture/Appliances-Replacement	3,000	3,100	3,200	3,300	3,400	3,500	3,600	3,700	3,800	3,900	34,500				(34,500)		(34,500)
541004 Power Stretchers Replacement	25,000	102,500	78,800								206,300				(206,300)		(206,300)
541005 Stairchair Replacement	4,000		12,600	17,200				19,000	19,500		72,300				(72,300)		(72,300)
541006 Public Access Automated External Defibrillator							36,900	59,500			96,400				(96,400)		(96,400)
541010 FIT Testing Machine				22,000							22,000				(22,000)		(22,000)
541011 Paramedic PPE Replacement						39,600					39,600				(39,600)		(39,600)
Total Replacement/State of Good Repair	265,000	344,400	120,800	69,400	31,000	306,700	310,700	111,900	53,700	35,100	1,648,700				(1,648,700)		(1,648,700)
New/Enhanced Service																	
541014 Paramedic Laptops for additional vehicles	19,500										19,500				(19,500)		(19,500)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Health Services Stage: Draft Budget Paramedic Services	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Paramedic Services Administration																	
541015 LTC Program - Medical Equipment	100,000										100,000	(100,000)					(100,000)
541016 LTC Program - Computers/Telephones	12,000	15,000	20,000								47,000	(47,000)					(47,000)
Total New/Enhanced Service	131,500	15,000	20,000								166,500	(147,000)			(19,500)		(166,500)
Total Paramedic Services Administration	396,500	359,400	140,800	69,400	31,000	306,700	310,700	111,900	53,700	35,100	1,815,200	(147,000)			(1,668,200)		(1,815,200)
Total Paramedic Services	995,000	359,400	140,800	69,400	1,958,600	306,700	310,700	111,900	53,700	35,100	4,341,300	(147,000)		(172,040)	(1,676,400)	(2,345,860)	(4,341,300)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Health Services Stage: Draft Budget Cemeteries	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Caledonia Cemeteries																	
New/Enhanced Service																	
562002 CAL - Columbarium & Pathways		70,000									70,000			(63,000)	(7,000)		(70,000)
Total New/Enhanced Service		70,000									70,000			(63,000)	(7,000)		(70,000)
Total Caledonia Cemeteries		70,000									70,000			(63,000)	(7,000)		(70,000)
Cayuga Cemeteries																	
Replacement/State of Good Repair																	
565004 CAY-Cemetery Pillar Refurbish		40,000									40,000				(40,000)		(40,000)
Total Replacement/State of Good Repair		40,000									40,000				(40,000)		(40,000)
New/Enhanced Service																	
565002 CAY - Expansion incl Columbarium				200,000							200,000			(180,000)	(20,000)		(200,000)
Total New/Enhanced Service				200,000							200,000			(180,000)	(20,000)		(200,000)
Total Cayuga Cemeteries		40,000		200,000							240,000			(180,000)	(60,000)		(240,000)
Cemeteries Administration																	
Replacement/State of Good Repair																	
561001 GEN CEM - Cemetery & Headstone Restoration	25,000	25,600	26,200	26,900	27,600	28,300	29,000	29,700	30,400	31,200	279,900				(279,900)		(279,900)
561003 GEN CEM - Bench/Garbage Receptacle Replacement	10,000	10,300	10,600	10,900	11,200	11,500	11,800	12,100	12,400	12,700	113,500				(113,500)		(113,500)
Total Replacement/State of Good Repair	35,000	35,900	36,800	37,800	38,800	39,800	40,800	41,800	42,800	43,900	393,400				(393,400)		(393,400)
Total Cemeteries Administration	35,000	35,900	36,800	37,800	38,800	39,800	40,800	41,800	42,800	43,900	393,400				(393,400)		(393,400)
Dunnville Cemeteries																	
Replacement/State of Good Repair																	
566003 DUNN - Lowbanks Cemetery Annual Inspections	2,000	2,100	2,200	2,300	2,400	2,500	2,600	2,700	2,800	2,900	24,500				(24,500)		(24,500)
566006 DUNN-Dunnville Riverside Cemetery Building Repairs	10,000										10,000				(10,000)		(10,000)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Health Services Stage: Draft Budget Cemeteries	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Dunnville Cemeteries																	
566007 DUNN- Riverside Cemetery Flagpole		20,000									20,000				(20,000)		(20,000)
Total Replacement/State of Good Repair	12,000	22,100	2,200	2,300	2,400	2,500	2,600	2,700	2,800	2,900	54,500				(54,500)		(54,500)
New/Enhanced Service																	
566004 DUNN - Riverside Columbarium & Pathways		70,000									70,000			(63,000)	(7,000)		(70,000)
Total New/Enhanced Service		70,000									70,000			(63,000)	(7,000)		(70,000)
Total Dunnville Cemeteries	12,000	92,100	2,200	2,300	2,400	2,500	2,600	2,700	2,800	2,900	124,500			(63,000)	(61,500)		(124,500)
Hagersville Cemeteries																	
New/Enhanced Service																	
563002 HAG - Cemetery Survey/Layout/Drainage				25,000							25,000			(22,500)	(2,500)		(25,000)
563003 HAG - Columbarium & Pathways		70,000									70,000			(63,000)	(7,000)		(70,000)
Total New/Enhanced Service		70,000		25,000							95,000			(85,500)	(9,500)		(95,000)
Total Hagersville Cemeteries		70,000		25,000							95,000			(85,500)	(9,500)		(95,000)
Total Cemeteries	47,000	308,000	39,000	265,100	41,200	42,300	43,400	44,500	45,600	46,800	922,900			(391,500)	(531,400)		(922,900)



Haldimand
County

Social & Family Services



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Social & Family Services Stage: Draft Budget	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
GVL - Administration	1,200	1,230	1,260	1,290	1,320	1,350	1,380	1,410	1,450	1,490	13,380				(13,380)		(13,380)
GVL - Building & Property	372,000	73,900	93,050	80,000	73,100	74,500	69,100	71,300	5,800	95,900	1,008,650	(300,000)			(708,650)		(1,008,650)
GVL - Dietary Services	19,500	17,770	45,100	7,720	70,220	60,000	34,280	45,710	16,900	6,200	323,400				(323,400)		(323,400)
GVL - Housekeeping	72,990	116,700	109,300	94,100	99,400	94,500	90,100	68,400	115,500	118,400	979,390				(979,390)		(979,390)
GVL - Laundry & Linen	43,300	44,100			29,800	22,600	31,300				171,100				(171,100)		(171,100)
GVL - Nursing & Personal Care	7,470	14,140	12,900	15,100	8,200	15,500	14,100	16,700	9,000	9,200	122,310				(122,310)		(122,310)
GVL - Programs & Support	6,500	9,730	6,750	10,180	7,000	10,630	7,360	11,290	7,820	11,950	89,210				(89,210)		(89,210)
Total Grandview Lodge	522,960	277,570	268,360	208,390	289,040	279,080	247,620	214,810	156,470	243,140	2,707,440	(300,000)			(2,407,440)		(2,707,440)
Total Social & Family Services	522,960	277,570	268,360	208,390	289,040	279,080	247,620	214,810	156,470	243,140	2,707,440	(300,000)			(2,407,440)		(2,707,440)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Social & Family Services												Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Stage: Draft Budget																		
Grandview Lodge																		
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031								
GVL - Administration																		
Replacement/State of Good Repair																		
638001	Portable Phones	1,200	1,230	1,260	1,290	1,320	1,350	1,380	1,410	1,450	1,490	13,380				(13,380)	(13,380)	
Total Replacement/State of Good Repair		1,200	1,230	1,260	1,290	1,320	1,350	1,380	1,410	1,450	1,490	13,380				(13,380)	(13,380)	
Total GVL - Administration		1,200	1,230	1,260	1,290	1,320	1,350	1,380	1,410	1,450	1,490	13,380				(13,380)	(13,380)	
GVL - Building & Property																		
Replacement/State of Good Repair																		
636001	Replace Compressors (HVAC and refrigeration)	12,000	12,300									24,300				(24,300)	(24,300)	
636002	Millwork Repairs	5,000	5,100	5,200	5,300	5,400	5,500	5,600	5,700	5,800	5,900	54,500				(54,500)	(54,500)	
636003	Minor Roof Repairs	30,000										30,000				(30,000)	(30,000)	
636013	Hearing Clinic Room Renovations	5,000										5,000				(5,000)	(5,000)	
636022	Resident Home Area Washroom Toilets, Faucets & Required Valving	20,000										20,000				(20,000)	(20,000)	
636030	Replace Boiler Circulating Pumps (CP-1, CP-2 & CP-3)		2,000	2,050	2,100							6,150				(6,150)	(6,150)	
636031	Replace Domestic Hot Water Re-Circulation Pump		2,000									2,000				(2,000)	(2,000)	
636032	Replace Domestic Tempered Water Re-Circulation Pump		2,000	4,200	2,100							8,300				(8,300)	(8,300)	
636034	Replace Heating System Radiation Pumps (VP-3 & VP-4)				5,000	5,200						10,200				(10,200)	(10,200)	
636035	Replace Fire Protection Main Pump and Booster Pump (F-1 & F-2)			45,000								45,000				(45,000)	(45,000)	
636036	Replace (28) Exhaust System Fans identified in description							60,000				60,000				(60,000)	(60,000)	
636037	Replace Heating System Boilers (B-1, B-2, B-3)										90,000	90,000				(90,000)	(90,000)	
636038	Replace Domestic Water Backflow Preventer		6,000									6,000				(6,000)	(6,000)	
636039	Replace Garbage Room Split Cooling System				20,000							20,000				(20,000)	(20,000)	



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Social & Family Services Stage: Draft Budget Grandview Lodge		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
GVL - Building & Property																		
636040	Replace Treated Water Softener					27,000						27,000				(27,000)		(27,000)
636041	Replace 250kW back up generator	300,000										300,000	(300,000)					(300,000)
636042	Replace Electric Panelboards as identified by asset tags		17,000		20,500	20,500	5,100					63,100				(63,100)		(63,100)
636043	Replace Electrical Distribution Panels as identified by asset tags						9,200					9,200				(9,200)		(9,200)
636044	Replace Electrical Transformers per asset id tags						6,200	13,000				19,200				(19,200)		(19,200)
636048	Replace Main 1200A Switchboard Asset ID Tag PP-1							15,500				15,500				(15,500)		(15,500)
636050	Re-Finish Resident Home Area and Building Centre handrail systems					15,000	15,000					30,000				(30,000)		(30,000)
636051	Replace Service Corridor Flooring				25,000							25,000				(25,000)		(25,000)
636052	Replace Staff Entrance Doors, Main Entrance Double Doors and Side Lights and Single Door Entrance		20,000	28,000								48,000				(48,000)		(48,000)
636054	Fire Panel Replacement/Upgrade							35,000				35,000				(35,000)		(35,000)
636055	Replace Maintenance Shop and Receiving Garage Doors		7,500				3,500					11,000				(11,000)		(11,000)
636056	Replace Main Entrance Air Curtain			3,400								3,400				(3,400)		(3,400)
636057	Re-Surface Staff Parking Lot						30,000					30,000				(30,000)		(30,000)
Total Replacement/State of Good Repair		372,000	73,900	87,850	80,000	73,100	74,500	69,100	65,700	5,800	95,900	997,850	(300,000)			(697,850)		(997,850)
New/Enhanced Service																		
636033	Replace Heating System Pump (VP-1 & VP-2)			5,200					5,600			10,800				(10,800)		(10,800)
Total New/Enhanced Service				5,200					5,600			10,800				(10,800)		(10,800)
Total GVL - Building & Property		372,000	73,900	93,050	80,000	73,100	74,500	69,100	71,300	5,800	95,900	1,008,650	(300,000)			(708,650)		(1,008,650)
GVL - Dietary Services																		
Replacement/State of Good Repair																		
632001	Galley Kitchen Toaster (1)			2,900	3,000	3,100	3,200					12,200				(12,200)		(12,200)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails

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HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Social & Family Services
Stage: Draft Budget
Grandview Lodge

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
GVL - Dietary Services																	
632002 Galley Kitchen Ice Dispenser (1)						7,800	8,000				15,800				(15,800)		(15,800)
632003 Galley Kitchen Refrigerator/Freezer (1)						10,900	11,200				22,100				(22,100)		(22,100)
632004 Galley Serveries Refrigerator (1)					1,120	1,150	1,180	1,210			4,660				(4,660)		(4,660)
632005 Coffee Brewer (1)							7,700	7,900			15,600				(15,600)		(15,600)
632006 Server Heat Lamps/Food Holding Heated Unit (1)						6,000	6,200	6,400	6,600		25,200				(25,200)		(25,200)
632007 Commercial Can Opener (1)			1,900			2,050			2,200		6,150				(6,150)		(6,150)
632008 Rational Oven/Steamer (1)								22,500			22,500				(22,500)		(22,500)
632009 Carts (2)	2,600	2,700	2,800	2,900	3,000						14,000				(14,000)		(14,000)
632011 Main Kitchen Ice Machine (1)	6,950										6,950				(6,950)		(6,950)
632012 Food Processor (1)			6,700					7,700			14,400				(14,400)		(14,400)
632013 Mixer/Grinder (1)		15,070									15,070				(15,070)		(15,070)
632015 Cambro Carts	2,350									6,200	8,550				(8,550)		(8,550)
632016 Skillet (1)			26,200								26,200				(26,200)		(26,200)
632017 Food Chopper/Grater (1)			4,600								4,600				(4,600)		(4,600)
632018 Galley Kitchen Dishwasher (1)					24,400	25,000					49,400				(49,400)		(49,400)
632019 Hot Water Dispensers				1,820		3,900					5,720				(5,720)		(5,720)
632020 Convectional Ovens (2)					38,600						38,600				(38,600)		(38,600)
632021 Gas Stove (1)	7,600										7,600				(7,600)		(7,600)
Total Replacement/State of Good Repair	19,500	17,770	45,100	7,720	70,220	60,000	34,280	45,710	8,800	6,200	315,300				(315,300)		(315,300)
New/Enhanced Service																	
632010 Reach-In Freezer									8,100		8,100				(8,100)		(8,100)
Total New/Enhanced Service									8,100		8,100				(8,100)		(8,100)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Social & Family Services Stage: Draft Budget Grandview Lodge											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
2022	2023	2024	2025	2026	2027	2028	2029	2030	2031								
Total GVL - Dietary Services											323,400				(323,400)		(323,400)
GVL - Housekeeping																	
Replacement/State of Good Repair																	
634001	Floor Lift (sit to stand)			6,000	6,200	6,400	6,600					25,200				(25,200)	(25,200)
634002	Mattress/Surface Replacement		11,000	11,300	11,600	11,900	12,200	12,500	12,800	13,100	13,400	109,800				(109,800)	(109,800)
634003	Lounge and Room Furniture		20,500	21,000	21,500	22,000	22,600	23,200	23,800	24,400	25,000	204,000				(204,000)	(204,000)
634004	Dining Room Furniture		10,300	10,600	10,900	11,200						43,000				(43,000)	(43,000)
634005	Low to the Floor Electric Beds			22,800	23,400	24,000	24,600	25,200	25,800	26,400	27,100	199,300				(199,300)	(199,300)
634008	Ceiling Lift Carriages/Motor Replacement	5,240	5,400	5,500	5,600	5,700	5,800	5,900	6,000	6,200	6,400	57,740				(57,740)	(57,740)
634011	Therapeutic Tubs	24,500	25,100							29,800	30,500	109,900				(109,900)	(109,900)
634012	Floor Lift	13,800	14,100	14,500	14,900	15,300	15,700	16,100				104,400				(104,400)	(104,400)
634013	Spa Room Tub Chairs	12,750	13,100							15,600	16,000	57,450				(57,450)	(57,450)
634014	Walk Behind Vacuum						4,000	4,100				8,100				(8,100)	(8,100)
Total Replacement/State of Good Repair											918,890				(918,890)		(918,890)
New/Enhanced Service																	
634006	Ceiling Lifts/Tracks, Carriage for Beds	16,700	17,200	17,600								51,500				(51,500)	(51,500)
634007	Outdoor Furniture					2,900	3,000	3,100				9,000				(9,000)	(9,000)
Total New/Enhanced Service											60,500				(60,500)		(60,500)
Total GVL - Housekeeping											979,390				(979,390)		(979,390)
GVL - Laundry & Linen																	
Replacement/State of Good Repair																	
635001	Industrial Washer		27,700			29,800		31,300				88,800				(88,800)	(88,800)
635003	Privacy & Window Curtains and Bedspreads	23,300	16,400									39,700				(39,700)	(39,700)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Social & Family Services Stage: Draft Budget Grandview Lodge	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
GVL - Laundry & Linen																	
635004 Industrial Dryer	20,000					22,600					42,600				(42,600)		(42,600)
Total Replacement/State of Good Repair	43,300	44,100			29,800	22,600	31,300				171,100				(171,100)		(171,100)
Total GVL - Laundry & Linen	43,300	44,100			29,800	22,600	31,300				171,100				(171,100)		(171,100)
GVL - Nursing & Personal Care																	
Replacement/State of Good Repair																	
633001 Nursing call Pagers/Phones	4,320	4,400	4,500	4,600	4,700	4,800	4,900	5,000	5,100	5,200	47,520				(47,520)		(47,520)
633002 Vital Machine	3,150	3,200	3,300	3,400	3,500	3,600	3,700	3,800	3,900	4,000	35,550				(35,550)		(35,550)
633003 Nursing Treatment Cart (2)		5,000	5,100			5,400	5,500				21,000				(21,000)		(21,000)
633007 PSW Care Carts (2)		1,540				1,700					3,240				(3,240)		(3,240)
633008 Intravenous Pumps				7,100				7,900			15,000				(15,000)		(15,000)
Total Replacement/State of Good Repair	7,470	14,140	12,900	15,100	8,200	15,500	14,100	16,700	9,000	9,200	122,310				(122,310)		(122,310)
Total GVL - Nursing & Personal Care	7,470	14,140	12,900	15,100	8,200	15,500	14,100	16,700	9,000	9,200	122,310				(122,310)		(122,310)
GVL - Programs & Support																	
Replacement/State of Good Repair																	
631001 Televisions	1,000	1,030	1,050	1,080	1,100	1,130	1,160	1,190	1,220	1,250	11,210				(11,210)		(11,210)
631002 Snoezelen Therapy Travelling Cart		3,100		3,300		3,500		3,700		3,900	17,500				(17,500)		(17,500)
631003 Door Coverings	5,500	5,600	5,700	5,800	5,900	6,000	6,200	6,400	6,600	6,800	60,500				(60,500)		(60,500)
Total Replacement/State of Good Repair	6,500	9,730	6,750	10,180	7,000	10,630	7,360	11,290	7,820	11,950	89,210				(89,210)		(89,210)
Total GVL - Programs & Support	6,500	9,730	6,750	10,180	7,000	10,630	7,360	11,290	7,820	11,950	89,210				(89,210)		(89,210)
Total Grandview Lodge	522,960	277,570	268,360	208,390	289,040	279,080	247,620	214,810	156,470	243,140	2,707,440	(300,000)			(2,407,440)		(2,707,440)



Haldimand County



Haldimand
County

Recreation & Cultural Services



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Caledonia Parks	50,000	15,400		430,700	132,600		23,200				651,900				(651,900)		(651,900)
Cayuga Parks			630,400	161,500							791,900	(332,000)	(298,400)		(161,500)		(791,900)
Dunnville Parks	300,000		495,900	134,600	193,200						1,123,700	(630,500)			(493,200)		(1,123,700)
General Parks	18,000	68,350	68,700	69,100	69,400	69,800	70,200	70,600	71,000	71,400	646,550		(50,000)	(405,000)	(191,550)		(646,550)
Hagersville Parks		176,300	84,100	646,200							906,600	(340,400)	(305,800)		(260,400)		(906,600)
Nanticoke Parks	690,000										690,000				(690,000)		(690,000)
Trails and Pathways	95,000	120,500	777,500	21,500	22,000	22,600	23,200	23,800	24,400	25,000	1,155,500			(921,500)	(234,000)		(1,155,500)
Total Parks	1,153,000	380,550	2,056,600	1,463,600	417,200	92,400	116,600	94,400	95,400	96,400	5,966,150	(1,302,900)	(654,200)	(1,326,500)	(2,682,550)		(5,966,150)
Community Development & Partnerships		118,000		680,000			950,000		310,000		2,058,000				(2,058,000)		(2,058,000)
Total Community Development and Partnerships		118,000		680,000			950,000		310,000		2,058,000				(2,058,000)		(2,058,000)
Community Partnership Program	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000				(1,500,000)		(1,500,000)
Total Community Partnership Program	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000				(1,500,000)		(1,500,000)
Cayuga Memorial Arena	22,500	187,100	33,200	28,100	66,600	17,000	11,800	12,100	46,000	12,700	437,100				(437,100)		(437,100)
Dunnville Memorial Arena	62,500	96,600	115,700	44,300	33,200	62,300	11,800	12,100	31,900	12,700	483,100				(483,100)		(483,100)
General Arenas	60,000	51,300	78,800	53,900	71,800	56,600	58,000	89,200	61,000	81,200	661,800				(661,800)		(661,800)
Hagersville Arena	407,500	20,600	23,200	572,900	11,200	11,500	23,600	12,100	37,700	12,700	1,133,000	(500,000)			(633,000)		(1,133,000)
Haldimand County Caledonia Centre	543,500	862,800	21,000	104,300	35,200		30,400	37,900	93,500	25,000	1,753,600	(1,155,000)			(598,600)		(1,753,600)
Total Arenas	1,096,000	1,218,400	271,900	803,500	218,000	147,400	135,600	163,400	270,100	144,300	4,468,600	(1,655,000)			(2,813,600)		(4,468,600)
Caledonia Pools		37,000	26,200	80,800		17,000	23,200	38,000			222,200				(222,200)		(222,200)
Dunnville Pools	10,000	87,200	68,400	651,600	165,500						982,700	(570,800)			(411,900)		(982,700)
Hagersville Pools				651,600	165,500						817,100	(570,800)			(246,300)		(817,100)
Total Pools	10,000	124,200	94,600	1,384,000	331,000	17,000	23,200	38,000			2,022,000	(1,141,600)			(880,400)		(2,022,000)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Community Halls Partnership Program	378,800	4,641,700	44,100	66,100	483,400	251,900	54,700	55,900	56,400	94,600	6,127,600		(778,000)	(3,981,300)	(1,368,300)		(6,127,600)
Total Community Halls Partnership Program	378,800	4,641,700	44,100	66,100	483,400	251,900	54,700	55,900	56,400	94,600	6,127,600		(778,000)	(3,981,300)	(1,368,300)		(6,127,600)
Caledonia Library	48,410	140,300	55,800	73,700	53,400	54,700	79,900	57,500	59,000	60,400	683,110			(26,450)	(656,660)		(683,110)
Cayuga Library	25,100	22,500	23,000	23,600	43,000	24,700	25,400	36,400	26,700	27,300	277,700			(26,450)	(251,250)		(277,700)
Dunnville Library	49,030	50,300	55,200	58,400	54,100	55,400	98,400	58,300	59,800	138,000	676,930			(26,450)	(650,480)		(676,930)
Hagersville Library	410,400	5,721,200	39,400	27,200	28,000	28,600	33,300	30,100	30,900	31,500	6,380,600		(991,800)	(846,750)	(277,950)	(4,264,100)	(6,380,600)
Jarvis Library	37,200	31,800	25,900	31,100	26,700	36,300	59,200	28,800	38,500	30,200	345,700			(26,450)	(319,250)		(345,700)
Library Administration	5,000	5,100	5,200	5,400	27,600	5,600	5,800	5,900	6,100	31,200	102,900				(102,900)		(102,900)
Library Branches							20,800				20,800				(20,800)		(20,800)
Selkirk Library	22,950	22,300	22,800	27,700	24,000	35,300	29,300	25,900	30,000	27,100	267,350			(26,450)	(240,900)		(267,350)
Total Libraries	598,090	5,993,500	227,300	247,100	256,800	240,600	352,100	242,900	251,000	345,700	8,755,090		(991,800)	(979,000)	(2,520,190)	(4,264,100)	(8,755,090)
Edinburgh Square	336,600										336,600				(336,600)		(336,600)
Heritage & Culture General	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	50,000				(50,000)		(50,000)
W. M. Memorial School Museum	120,000		9,500				145,000				274,500	(88,450)			(186,050)		(274,500)
Total Cultural Services	461,600	5,000	14,500	5,000	5,000	5,000	150,000	5,000	5,000	5,000	661,100	(88,450)			(572,650)		(661,100)
Total Recreation & Cultural Services	3,847,490	12,631,350	2,859,000	4,799,300	1,861,400	904,300	1,932,200	749,600	1,137,900	836,000	31,558,540	(4,187,950)	(2,424,000)	(6,286,800)	(14,395,690)	(4,264,100)	(31,558,540)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing	
Parks																			
Caledonia Parks																			
Replacement/State of Good Repair																			
722011	CAL - Kinsmen Mill Race cleanup		15,400			16,600						32,000				(32,000)		(32,000)	
722012	CAL - Kinsmen Backstop & Fencing Replc.							23,200				23,200				(23,200)		(23,200)	
722014	CAL - Dunrobin Park Playground Replacement				134,600							134,600				(134,600)		(134,600)	
722015	CAL - Scott Park Playground Replacement				134,600							134,600				(134,600)		(134,600)	
722016	CAL - Kinsmen replace pavilion					82,800						82,800				(82,800)		(82,800)	
722017	CAL - Kinsmen replace exercise equip & base					33,200						33,200				(33,200)		(33,200)	
722018	CAL - York Park Playground Replacement				161,500							161,500				(161,500)		(161,500)	
722019	Cal-Lafortune Park Pavilion roof	50,000										50,000				(50,000)		(50,000)	
Total Replacement/State of Good Repair		50,000	15,400		430,700	132,600		23,200				651,900				(651,900)		(651,900)	
Total Caledonia Parks		50,000	15,400		430,700	132,600		23,200				651,900				(651,900)		(651,900)	
Cayuga Parks																			
Replacement/State of Good Repair																			
725009	CAY - Skate Park/Tennis Court Replac.			630,400								630,400	(332,000)	(298,400)				(630,400)	
725010	CAY - Canfield Playground Replacement				161,500							161,500				(161,500)		(161,500)	
Total Replacement/State of Good Repair				630,400	161,500							791,900	(332,000)	(298,400)		(161,500)		(791,900)	
Total Cayuga Parks				630,400	161,500							791,900	(332,000)	(298,400)		(161,500)		(791,900)	
Dunnville Parks																			
Replacement/State of Good Repair																			
726014	DUNN - Lions Replace Building Roof/Eavestrough	300,000										300,000				(300,000)		(300,000)	
726015	DUNN - Parks Workshop Replacement			495,900								495,900	(495,900)					(495,900)	

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
2022	2023	2024	2025	2026	2027	2028	2029	2030	2031								
Parks																	
Dunnville Parks																	
726016	DUNN - Central Park Playground Replacement			134,600							134,600	(134,600)				(134,600)	
726017	DUNN - Kinsmen replace bldg roof/eavestrough				138,000						138,000			(138,000)		(138,000)	
Total Replacement/State of Good Repair		300,000	495,900	134,600	138,000						1,068,500	(630,500)		(438,000)		(1,068,500)	
New/Enhanced Service																	
726013	DUNN - Lions Park Fence				55,200						55,200			(55,200)		(55,200)	
Total New/Enhanced Service					55,200						55,200			(55,200)		(55,200)	
Total Dunnville Parks		300,000	495,900	134,600	193,200						1,123,700	(630,500)		(493,200)		(1,123,700)	
General Parks																	
Replacement/State of Good Repair																	
721014	GEN PARK - Bench/Garbage Receptacle Replacement			10,000	10,250	10,500	10,800	11,000	11,300	11,600	11,900	12,200	12,500			(112,050)	(112,050)
721015	GEN Park - Picnic Table Replacement			3,000	3,100	3,200	3,300	3,400	3,500	3,600	3,700	3,800	3,900			(34,500)	(34,500)
Total Replacement/State of Good Repair		13,000	13,350	13,700	14,100	14,400	14,800	15,200	15,600	16,000	16,400	16,400	146,550		(146,550)		(146,550)
New/Enhanced Service																	
721001	GEN PARK - Memorial Benches			5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000		(50,000)		(50,000)
721013	GEN PARK - Park Development & Master Plan Init's				50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000		(405,000)	(45,000)	(450,000)
Total New/Enhanced Service		5,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	500,000	(50,000)	(405,000)	(45,000)	(500,000)
Total General Parks		18,000	68,350	68,700	69,100	69,400	69,800	70,200	70,600	71,000	71,400	646,550	(50,000)	(405,000)	(191,550)	(646,550)	
Hagersville Parks																	
Replacement/State of Good Repair																	
723006	HAG - Grant Kett Ball Light Replc.				84,100											(84,100)	(84,100)
723007	HAG - Replace skateboard park					646,200								(340,400)	(305,800)		(646,200)
723008	HAG - Grant Kett Concession/Washroom Replc.			73,800												(73,800)	(73,800)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Parks	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Hagersville Parks																	
723009 HAG - Grant Kett Pavilion Roof Replc.		102,500									102,500				(102,500)		(102,500)
Total Replacement/State of Good Repair		176,300	84,100	646,200							906,600	(340,400)	(305,800)		(260,400)		(906,600)
Total Hagersville Parks		176,300	84,100	646,200							906,600	(340,400)	(305,800)		(260,400)		(906,600)
Nanticoke Parks																	
Replacement/State of Good Repair																	
727002 TOWN - Lions Park Washroom/Storage Repl	205,000										205,000				(205,000)		(205,000)
727004 TOWN - Playground Equipment Replc.	150,000										150,000				(150,000)		(150,000)
727006 NANT - Springvale Playground Replc.	150,000										150,000				(150,000)		(150,000)
727007 NANT - Springvale Storage Building Repairs	50,000										50,000				(50,000)		(50,000)
727010 Jarvis Lions Park Tennis & Basketball Court Lights	80,000										80,000				(80,000)		(80,000)
Total Replacement/State of Good Repair	635,000										635,000				(635,000)		(635,000)
New/Enhanced Service																	
727008 NANT - Jarvis Meadow Pathway/Trail Paving	55,000										55,000				(55,000)		(55,000)
Total New/Enhanced Service	55,000										55,000				(55,000)		(55,000)
Total Nanticoke Parks	690,000										690,000				(690,000)		(690,000)
Trails and Pathways																	
Replacement/State of Good Repair																	
721002 Trails-Capital Maintenance	20,000	20,500	21,000	21,500	22,000	22,600	23,200	23,800	24,400	25,000	224,000				(224,000)		(224,000)
721017 Trails Master Plan Update		100,000									100,000			(90,000)	(10,000)		(100,000)
Total Replacement/State of Good Repair	20,000	120,500	21,000	21,500	22,000	22,600	23,200	23,800	24,400	25,000	324,000			(90,000)	(234,000)		(324,000)
New/Enhanced Service																	
722023 Hwy 54 Bicycle Lane - Ross to Mines Rd	75,000										75,000			(75,000)			(75,000)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Parks	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Trails and Pathways																	
725008 River Rd - On-Route Cycling Lane - Hwy 3 to Sutor [R] [SS]			756,500								756,500			(756,500)			(756,500)
Total New/Enhanced Service	75,000		756,500								831,500			(831,500)			(831,500)
Total Trails and Pathways	95,000	120,500	777,500	21,500	22,000	22,600	23,200	23,800	24,400	25,000	1,155,500			(921,500)	(234,000)		(1,155,500)
Total Parks	1,153,000	380,550	2,056,600	1,463,600	417,200	92,400	116,600	94,400	95,400	96,400	5,966,150	(1,302,900)	(654,200)	(1,326,500)	(2,682,550)		(5,966,150)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Community Development and Partnerships																	
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031							
Community Development & Partnerships																	
New/Enhanced Service																	
791011 Cayuga Library and Heritage Centre Parkette		118,000									118,000				(118,000)	(118,000)	
791012 Village Green Park				680,000							680,000				(680,000)	(680,000)	
791013 Former CAB Property							950,000				950,000				(950,000)	(950,000)	
791014 Bob Baigent									310,000		310,000				(310,000)	(310,000)	
Total New/Enhanced Service		118,000		680,000			950,000		310,000		2,058,000				(2,058,000)	(2,058,000)	
Total Community Development & Partnerships		118,000		680,000			950,000		310,000		2,058,000				(2,058,000)	(2,058,000)	
Total Community Development and Partnerships		118,000		680,000			950,000		310,000		2,058,000				(2,058,000)	(2,058,000)	



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Community Partnership Program																	
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031							
Community Partnership Program																	
New/Enhanced Service																	
705001 Annual Community Partnership Capital Projects	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000			(1,500,000)	(1,500,000)	
Total New/Enhanced Service	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000			(1,500,000)	(1,500,000)	
Total Community Partnership Program	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000			(1,500,000)	(1,500,000)	
Total Community Partnership Program	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000			(1,500,000)	(1,500,000)	



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Arenas												Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
2022	2023	2024	2025	2026	2027	2028	2029	2030	2031									
Cayuga Memorial Arena																		
Replacement/State of Good Repair																		
745001	CAY - Ice Resurfacer HW Heater/Tank Replc.			17,200				19,500				36,700			(36,700)	(36,700)		
745002	10,000	10,300	10,600	10,900	11,200	11,500	11,800	12,100	12,400	12,700		113,500			(113,500)	(113,500)		
745003	CAY - Arena Floor Scrubber Replc.		12,600						14,100			26,700			(26,700)	(26,700)		
745008	CAY - Refrig Computer Equip Repl		41,000									41,000			(41,000)	(41,000)		
745009	CAY - Replace Hand Dryers		21,000									21,000			(21,000)	(21,000)		
745014	CAY - Arena HW Heater Replacements				44,200							44,200			(44,200)	(44,200)		
745015	5,000					5,500						10,500			(10,500)	(10,500)		
745016		102,500										102,500			(102,500)	(102,500)		
745017		12,300										12,300			(12,300)	(12,300)		
745018	CAY - Outdoor Sign Repl				11,200							11,200			(11,200)	(11,200)		
Total Replacement/State of Good Repair		15,000	187,100	23,200	28,100	66,600	17,000	11,800	12,100	46,000	12,700	419,600			(419,600)	(419,600)		
New/Enhanced Service																		
745019	7,500											7,500			(7,500)	(7,500)		
745021	CAY- Arena Duct Cleaning		10,000									10,000			(10,000)	(10,000)		
Total New/Enhanced Service		7,500		10,000								17,500			(17,500)	(17,500)		
Total Cayuga Memorial Arena		22,500	187,100	33,200	28,100	66,600	17,000	11,800	12,100	46,000	12,700	437,100			(437,100)	(437,100)		
Dunnville Memorial Arena																		
Replacement/State of Good Repair																		
746001	10,000	10,300	10,600	10,900	11,200	11,500	11,800	12,100	12,400	12,700		113,500			(113,500)	(113,500)		
746002	DUNN - Ice Resurfacer HW Heater/Tank Replc.			17,200					19,500			36,700			(36,700)	(36,700)		
746004	DUNN - Arena Floor Scrubber Replc.				16,200							16,200			(16,200)	(16,200)		

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Arenas	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031							
Dunnville Memorial Arena																	
746005	DUNN - Refrig Computer Equip Repl		41,000									41,000			(41,000)	(41,000)	
746006	DUNN - Replace Hand Dryers		21,000									21,000			(21,000)	(21,000)	
746010	DUNN - Arena HW Heater Replc.	40,000				45,300						85,300			(85,300)	(85,300)	
746011	DUNN - Structural Inspection	5,000				5,500						10,500			(10,500)	(10,500)	
746012	DUNN - Arena Concession Equip. Replc.		12,300			5,400						17,700			(17,700)	(17,700)	
746013	DUNN - Arena Rubber Floor Replacement			105,100								105,100			(105,100)	(105,100)	
746014	DUNN - Outdoor Sign Repl					11,200						11,200			(11,200)	(11,200)	
746015	DUNN - Arena Dehumidification Seal Replacement					5,400						5,400			(5,400)	(5,400)	
Total Replacement/State of Good Repair		55,000	84,600	115,700	44,300	33,200	62,300	11,800	12,100	31,900	12,700	463,600			(463,600)	(463,600)	
New/Enhanced Service																	
746021	DUNN-Water Bottle Fill Station	7,500										7,500			(7,500)	(7,500)	
746026	DUNN- Duct Cleaning		12,000									12,000			(12,000)	(12,000)	
Total New/Enhanced Service		7,500	12,000									19,500			(19,500)	(19,500)	
Total Dunnville Memorial Arena		62,500	96,600	115,700	44,300	33,200	62,300	11,800	12,100	31,900	12,700	483,100			(483,100)	(483,100)	
General Arenas																	
Replacement/State of Good Repair																	
741001	Arena - Digital Display Replacement			26,200		16,600		29,700			18,700	91,200			(91,200)	(91,200)	
741002	Arena IP Security Camera Replacement	50,000	51,300	52,600	53,900	55,200	56,600	58,000	59,500	61,000	62,500	560,600			(560,600)	(560,600)	
741003	GEN ARENA - Table & Chair Replacements	10,000										10,000			(10,000)	(10,000)	
Total Replacement/State of Good Repair		60,000	51,300	78,800	53,900	71,800	56,600	58,000	89,200	61,000	81,200	661,800			(661,800)	(661,800)	
Total General Arenas		60,000	51,300	78,800	53,900	71,800	56,600	58,000	89,200	61,000	81,200	661,800			(661,800)	(661,800)	



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Arenas	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Hagersville Arena																	
Replacement/State of Good Repair																	
743002 HAG - Arena Floor Scrubber Replc.			12,600						19,500		32,100				(32,100)		(32,100)
743006 HAG - Arena Compressor Rebuild	10,000	10,300	10,600	10,900	11,200	11,500	11,800	12,100	12,400	12,700	113,500				(113,500)		(113,500)
743008 HAG - Arena Evaporator/Condensor , Brine Pump and Header Replacement	350,000										350,000				(350,000)		(350,000)
743009 HAG - Structural Inspection				5,300					5,800		11,100				(11,100)		(11,100)
743010 HAG - Concession Equipment Replacements				8,600							8,600				(8,600)		(8,600)
743013 HAG - Retrofit Exterior Lighting	40,000										40,000				(40,000)		(40,000)
743014 HAG - Arena Bldg HW Tank Replc.		6,200					7,200				13,400				(13,400)		(13,400)
743015 HAG - Ice Resurfacer HW Heater/Tank Replc.		4,100					4,600				8,700				(8,700)		(8,700)
743016 HAG - Arena Parking Lot Resurfacing				500,000							500,000	(500,000)					(500,000)
743017 HAG - Arena Chiller Gasket Replacement				43,100							43,100				(43,100)		(43,100)
Total Replacement/State of Good Repair	400,000	20,600	23,200	567,900	11,200	11,500	23,600	12,100	37,700	12,700	1,120,500	(500,000)			(620,500)		(1,120,500)
New/Enhanced Service																	
743018 HAG ARENA- Water Bottle Fill Stations	7,500										7,500				(7,500)		(7,500)
743020 HAG-Arena Duct Cleaning				5,000							5,000				(5,000)		(5,000)
Total New/Enhanced Service	7,500			5,000							12,500				(12,500)		(12,500)
Total Hagersville Arena	407,500	20,600	23,200	572,900	11,200	11,500	23,600	12,100	37,700	12,700	1,133,000	(500,000)			(633,000)		(1,133,000)
Haldimand County Caledonia Centre																	
Replacement/State of Good Repair																	
744001 HCCC - Ice Resurfacer HW Heater & Tank Replc.				17,200					19,500		36,700				(36,700)		(36,700)
744002 HCCC - Arena Skate Tile Replacement		305,000									305,000	(305,000)					(305,000)
744003 HCCC - Arena HW Heater Replacements				60,300					68,200		128,500				(128,500)		(128,500)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
Arenas																			
Haldimand County Caledonia Centre																			
744005	HCCC - Arena Scoreboard Replacements			21,000								21,000				(21,000)		(21,000)	
744017	HCCC - Arena Compressor Rebuilds	20,000	20,500		21,500	22,000		23,200	23,800		25,000	156,000				(156,000)		(156,000)	
744020	HCCC - Washroom Partition Replacement		75,000									75,000				(75,000)		(75,000)	
744022	HCCC - Arena Floor Scrubber Replc		12,300			13,200			14,100			39,600				(39,600)		(39,600)	
744023	HCCC - Outdoor Sign Repl	35,000										35,000				(35,000)		(35,000)	
744024	HCCC - Structural Inspection				5,300					5,800		11,100				(11,100)		(11,100)	
744026	HCCC - Arena Booster Pump Replc.	6,000						7,200				13,200				(13,200)		(13,200)	
744027	HCCC - Arena Parking Lot Resurfacing/Lining		450,000									450,000	(450,000)					(450,000)	
744032	HCCC- Garden Redevelopment	40,000										40,000				(40,000)		(40,000)	
Total Replacement/State of Good Repair		101,000	862,800	21,000	104,300	35,200		30,400	37,900	93,500	25,000	1,311,100	(755,000)			(556,100)		(1,311,100)	
New/Enhanced Service																			
744030	HCCC - Water Bottle filling stations	22,500										22,500				(22,500)		(22,500)	
744031	HCCC - HVAC & Humidification System	400,000										400,000	(400,000)					(400,000)	
744033	HCCC-Arena Duct Cleaning	20,000										20,000				(20,000)		(20,000)	
Total New/Enhanced Service		442,500										442,500	(400,000)			(42,500)		(442,500)	
Total Haldimand County Caledonia Centre		543,500	862,800	21,000	104,300	35,200		30,400	37,900	93,500	25,000	1,753,600	(1,155,000)			(598,600)		(1,753,600)	
Total Arenas		1,096,000	1,218,400	271,900	803,500	218,000	147,400	135,600	163,400	270,100	144,300	4,468,600	(1,655,000)			(2,813,600)		(4,468,600)	



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Pools	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Caledonia Pools																	
Replacement/State of Good Repair																	
762001 CAL - Splash Pad Controller & Housing		20,500					23,200				43,700				(43,700)		(43,700)
762004 CAL - Ultraviolet Units								38,000			38,000				(38,000)		(38,000)
762005 CAL - Replace Pool Filter & Sand			5,200			17,000					22,200				(22,200)		(22,200)
762006 CAL - Sandblast & Repaint Pool Bowls				80,800							80,800				(80,800)		(80,800)
762007 CAL-Pool Pump\Motor Replacement		10,300									10,300				(10,300)		(10,300)
762008 CAL - Water Treatment Controllers		6,200									6,200				(6,200)		(6,200)
762009 CAL - Pool Heater Replacement			21,000								21,000				(21,000)		(21,000)
Total Replacement/State of Good Repair		37,000	26,200	80,800		17,000	23,200	38,000			222,200				(222,200)		(222,200)
Total Caledonia Pools		37,000	26,200	80,800		17,000	23,200	38,000			222,200				(222,200)		(222,200)
Dunnville Pools																	
Replacement/State of Good Repair																	
766001 DUNN - Pool Change House Replacement				570,800							570,800	(570,800)					(570,800)
766002 DUNN - Pool Filter House Replacement				80,800							80,800				(80,800)		(80,800)
766004 DUNN - Pool Pump\Motor Replacement			5,200								5,200				(5,200)		(5,200)
766005 DUNN - Sandblast & Repaint Pool Bowls		76,900									76,900				(76,900)		(76,900)
766006 DUNN - Wading Pool Decomissioning			52,600								52,600				(52,600)		(52,600)
766007 DUNN - Replace Pool Lines & Deck					165,500						165,500				(165,500)		(165,500)
766008 DUNN-Wading Pool Repairs	10,000	10,300	10,600								30,900				(30,900)		(30,900)
Total Replacement/State of Good Repair	10,000	87,200	68,400	651,600	165,500						982,700	(570,800)			(411,900)		(982,700)
Total Dunnville Pools	10,000	87,200	68,400	651,600	165,500						982,700	(570,800)			(411,900)		(982,700)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Pools	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Hagersville Pools																	
Replacement/State of Good Repair																	
763005 HAG - Sandblast & Repaint Pool Bowls				80,800							80,800				(80,800)		(80,800)
763006 HAG - Pool Change House Replacement				570,800							570,800	(570,800)					(570,800)
763007 HAG - Replace Pool Lines & Deck					165,500						165,500				(165,500)		(165,500)
Total Replacement/State of Good Repair				651,600	165,500						817,100	(570,800)			(246,300)		(817,100)
Total Hagersville Pools				651,600	165,500						817,100	(570,800)			(246,300)		(817,100)
Total Pools	10,000	124,200	94,600	1,384,000	331,000	17,000	23,200	38,000			2,022,000	(1,141,600)			(880,400)		(2,022,000)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget												Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Community Halls Partnership Program	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031								
Community Halls Partnership Program																		
Replacement/State of Good Repair																		
750003	Comm. Centres - Roofing Repairs	22,700	22,800	24,100	24,500	32,900	33,900	34,700	35,900	36,400	37,100	305,000			(305,000)	(305,000)		
750013	Comm. Centres - Emergency Capital Repairs	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	200,000			(200,000)	(200,000)		
750035	Jarvis CC - Insulation & Exterior Door Replacement	35,000										35,000			(35,000)	(35,000)		
750042	Cayuga Kins. CC - Parking Lot Repl.					287,000						287,000			(287,000)	(287,000)		
750047	Cheapside C C - Replace Floor Joists		102,500									102,500			(102,500)	(102,500)		
750048	Jarvis CC - Upgrade Vent Hoods & Suppression System					110,400						110,400			(110,400)	(110,400)		
750058	Building Condition Assessments (BCA) - Community Halls					33,100					37,500	70,600			(70,600)	(70,600)		
750061	Canfield Community Hall HVAC Replacement		35,900									35,900			(35,900)	(35,900)		
750062	Cheapside Community Centre HVAC Replacement				10,800							10,800			(10,800)	(10,800)		
750063	Hagersville Community Centre HVAC Replacement				10,800							10,800			(10,800)	(10,800)		
750064	Selkirk Community Centre HVAC Replacement						141,400					141,400			(141,400)	(141,400)		
750065	Selkirk Community Centre - HVAC Units (2) Replacement						56,600					56,600			(56,600)	(56,600)		
Total Replacement/State of Good Repair		77,700	181,200	44,100	66,100	483,400	251,900	54,700	55,900	56,400	94,600	1,366,000			(1,366,000)	(1,366,000)		
New/Enhanced Service																		
750057	Hagersville Active Living Centre	301,100	4,460,500									4,761,600		(778,000)	(3,981,300)	(2,300)	(4,761,600)	
Total New/Enhanced Service		301,100	4,460,500									4,761,600		(778,000)	(3,981,300)	(2,300)	(4,761,600)	
Total Community Halls Partnership Program		378,800	4,641,700	44,100	66,100	483,400	251,900	54,700	55,900	56,400	94,600	6,127,600		(778,000)	(3,981,300)	(1,368,300)	(6,127,600)	
Total Community Halls Partnership Program		378,800	4,641,700	44,100	66,100	483,400	251,900	54,700	55,900	56,400	94,600	6,127,600		(778,000)	(3,981,300)	(1,368,300)	(6,127,600)	



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Libraries											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
2022	2023	2024	2025	2026	2027	2028	2029	2030	2031								
Caledonia Library																	
Replacement/State of Good Repair																	
772002	Caledonia - Library Materials	45,810	45,900	48,100	49,300	50,500	51,800	53,100	54,400	55,800	57,200	511,910			(511,910)	(511,910)	
772007	Caledonia - Photocopier - Replacement							4,100				4,100			(4,100)	(4,100)	
772009	Caledonia - Carpeting		70,700									70,700			(70,700)	(70,700)	
772010	Caledonia LIB - Security Camera System Replacement							19,700				19,700			(19,700)	(19,700)	
772012	Caledonia - Fireplace Area Furniture		5,100									5,100			(5,100)	(5,100)	
772014	Caledonia - Meeting Room - Tables and Chairs (Repl)				6,500							6,500			(6,500)	(6,500)	
772015	Caledonia Library: Painting, Interior		15,900									15,900			(15,900)	(15,900)	
772017	Caledonia - Exterior Book Drop				15,100							15,100			(15,100)	(15,100)	
772018	Caledonia - Book Carts (5)			5,000								5,000			(5,000)	(5,000)	
Total Replacement/State of Good Repair		45,810	137,600	53,100	70,900	50,500	51,800	76,900	54,400	55,800	57,200	654,010			(654,010)	(654,010)	
New/Enhanced Service																	
772001	Caledonia - Collection Enhancement	2,600	2,700	2,700	2,800	2,900	2,900	3,000	3,100	3,200	3,200	29,100		(26,450)	(2,650)	(29,100)	
Total New/Enhanced Service		2,600	2,700	2,700	2,800	2,900	2,900	3,000	3,100	3,200	3,200	29,100		(26,450)	(2,650)	(29,100)	
Total Caledonia Library		48,410	140,300	55,800	73,700	53,400	54,700	79,900	57,500	59,000	60,400	683,110		(26,450)	(656,660)	(683,110)	
Cayuga Library																	
Replacement/State of Good Repair																	
775003	Cayuga - Library Materials	19,300	19,800	20,300	20,800	21,300	21,800	22,400	23,000	23,500	24,100	216,300			(216,300)	(216,300)	
775005	Cayuga - Photocopier								4,100			4,100			(4,100)	(4,100)	
775006	Cayuga - Facility-wide painting								6,200			6,200			(6,200)	(6,200)	
775007	Cayuga - Cedar hedge replacements	3,200										3,200			(3,200)	(3,200)	
775008	Cayuga Library - Security Camera System Replacement					18,800						18,800			(18,800)	(18,800)	

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Libraries	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Cayuga Library																	
Total Replacement/State of Good Repair	22,500	19,800	20,300	20,800	40,100	21,800	22,400	33,300	23,500	24,100	248,600				(248,600)		(248,600)
New/Enhanced Service																	
775002 Cayuga - Collection Enhancement	2,600	2,700	2,700	2,800	2,900	2,900	3,000	3,100	3,200	3,200	29,100			(26,450)	(2,650)		(29,100)
Total New/Enhanced Service	2,600	2,700	2,700	2,800	2,900	2,900	3,000	3,100	3,200	3,200	29,100			(26,450)	(2,650)		(29,100)
Total Cayuga Library	25,100	22,500	23,000	23,600	43,000	24,700	25,400	36,400	26,700	27,300	277,700			(26,450)	(251,250)		(277,700)
Dunnville Library																	
Replacement/State of Good Repair																	
776003 Dunnville - Library Materials	46,430	47,600	48,800	50,000	51,200	52,500	53,800	55,200	56,600	58,000	520,130				(520,130)		(520,130)
776011 Dunnville LIB - Security Camera System Replacement							19,700				19,700				(19,700)		(19,700)
776012 Dunnville - Networkable Photocopier			3,700								3,700				(3,700)		(3,700)
776013 Dunnville - Meeting Room Tables and Chairs (Replacement)				5,600							5,600				(5,600)		(5,600)
776014 Dunnville - Facility Painting							21,900				21,900				(21,900)		(21,900)
776017 Dunnville - Book Carts (5)										6,000	6,000				(6,000)		(6,000)
776018 Dunnville - Window Replacements										70,800	70,800				(70,800)		(70,800)
Total Replacement/State of Good Repair	46,430	47,600	52,500	55,600	51,200	52,500	95,400	55,200	56,600	134,800	647,830				(647,830)		(647,830)
New/Enhanced Service																	
776002 Dunnville - Collection Enhancement	2,600	2,700	2,700	2,800	2,900	2,900	3,000	3,100	3,200	3,200	29,100			(26,450)	(2,650)		(29,100)
Total New/Enhanced Service	2,600	2,700	2,700	2,800	2,900	2,900	3,000	3,100	3,200	3,200	29,100			(26,450)	(2,650)		(29,100)
Total Dunnville Library	49,030	50,300	55,200	58,400	54,100	55,400	98,400	58,300	59,800	138,000	676,930			(26,450)	(650,480)		(676,930)
Hagersville Library																	
Replacement/State of Good Repair																	
773002 Hagersville - Library Materials	22,700	23,200	23,800	24,400	25,100	25,700	26,300	27,000	27,700	28,300	254,200				(254,200)		(254,200)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing		
Libraries	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031									
Hagersville Library																			
773003 Hagersville Library Replacement	383,900	5,695,300										6,079,200		(991,800)	(820,300)	(3,000)	(4,264,100)	(6,079,200)	
773004 Hagersville - Photocopier - Replacement							4,000					4,000				(4,000)		(4,000)	
773005 Hagersville - Task Chairs: Staff	1,200											1,200				(1,200)		(1,200)	
773006 Hagersville - Exterior Book Drop			9,900									9,900				(9,900)		(9,900)	
773007 Hagersville - Book Carts (3)			3,000									3,000				(3,000)		(3,000)	
Total Replacement/State of Good Repair	407,800	5,718,500	36,700	24,400	25,100	25,700	30,300	27,000	27,700	28,300		6,351,500		(991,800)	(820,300)	(275,300)	(4,264,100)	(6,351,500)	
New/Enhanced Service																			
773001 Hagersville - Collection Enhancement	2,600	2,700	2,700	2,800	2,900	2,900	3,000	3,100	3,200	3,200		29,100			(26,450)	(2,650)		(29,100)	
Total New/Enhanced Service	2,600	2,700	2,700	2,800	2,900	2,900	3,000	3,100	3,200	3,200		29,100			(26,450)	(2,650)		(29,100)	
Total Hagersville Library	410,400	5,721,200	39,400	27,200	28,000	28,600	33,300	30,100	30,900	31,500		6,380,600		(991,800)	(846,750)	(277,950)	(4,264,100)	(6,380,600)	
Jarvis Library																			
Replacement/State of Good Repair																			
774001 Jarvis - Library Materials	21,600	22,100	22,700	23,300	23,800	24,400	25,000	25,700	26,300	27,000		241,900				(241,900)		(241,900)	
774008 Jarvis - Photocopier	3,500								4,200			7,700				(7,700)		(7,700)	
774009 Jarvis - HVAC Replacement							20,200					20,200				(20,200)		(20,200)	
774010 Jarvis - Facility-wide Painting							11,000					11,000				(11,000)		(11,000)	
774012 Jarvis - HVAC Fencing						9,000						9,000				(9,000)		(9,000)	
774013 Jarvis - Exterior Painting - Window and Door Trim		6,000										6,000				(6,000)		(6,000)	
774014 Jarvis - Parking Lot Lines Painting		1,000										1,000				(1,000)		(1,000)	
774015 Jarvis - Hot Water Heater Replacement									1,300			1,300				(1,300)		(1,300)	
774017 Jarvis - Refrigerator Replacement			500									500				(500)		(500)	
774018 Jarvis - Task Chairs: Staff				2,200								2,200				(2,200)		(2,200)	

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Libraries	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Jarvis Library																	
774019 Jarvis - Exterior Book Drop	9,500										9,500				(9,500)		(9,500)
774020 Jarvis - Book Carts (3)									3,500		3,500				(3,500)		(3,500)
774021 Jarvis - Patron seating (replace.)				2,800							2,800				(2,800)		(2,800)
Total Replacement/State of Good Repair	34,600	29,100	23,200	28,300	23,800	33,400	56,200	25,700	35,300	27,000	316,600				(316,600)		(316,600)
New/Enhanced Service																	
774002 Jarvis - Collection Enhancement	2,600	2,700	2,700	2,800	2,900	2,900	3,000	3,100	3,200	3,200	29,100			(26,450)	(2,650)		(29,100)
Total New/Enhanced Service	2,600	2,700	2,700	2,800	2,900	2,900	3,000	3,100	3,200	3,200	29,100			(26,450)	(2,650)		(29,100)
Total Jarvis Library	37,200	31,800	25,900	31,100	26,700	36,300	59,200	28,800	38,500	30,200	345,700			(26,450)	(319,250)		(345,700)
Library Administration																	
Replacement/State of Good Repair																	
771001 All Branches - Shelving - System-wide	5,000	5,100	5,200	5,400	5,500	5,600	5,800	5,900	6,100	6,200	55,800				(55,800)		(55,800)
771005 Building Condition Assessments (BCA) - Libraries					22,100					25,000	47,100				(47,100)		(47,100)
Total Replacement/State of Good Repair	5,000	5,100	5,200	5,400	27,600	5,600	5,800	5,900	6,100	31,200	102,900				(102,900)		(102,900)
Total Library Administration	5,000	5,100	5,200	5,400	27,600	5,600	5,800	5,900	6,100	31,200	102,900				(102,900)		(102,900)
Library Branches																	
New/Enhanced Service																	
771004 All Branches - Laptops for Public Loans							20,800				20,800				(20,800)		(20,800)
Total New/Enhanced Service							20,800				20,800				(20,800)		(20,800)
Total Library Branches							20,800				20,800				(20,800)		(20,800)
Selkirk Library																	
Replacement/State of Good Repair																	
778001 Selkirk - Library Materials	19,150	19,600	20,100	20,600	21,100	21,700	22,200	22,800	23,300	23,900	214,450				(214,450)		(214,450)

Note: [W] Water, [WW] Wastewater, [SS] Storm Sewer, [R] Roads, [CIW] Cast Iron Watermain, [TR] Trails



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Libraries	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Selkirk Library																	
778005 Selkirk - Photocopier							4,100				4,100				(4,100)		(4,100)
778006 Selkirk - Facility-wide Painting				4,300							4,300				(4,300)		(4,300)
778008 Selkirk - Task Chairs: Staff	1,200										1,200				(1,200)		(1,200)
778009 Selkirk - Book Carts (3)									3,500		3,500				(3,500)		(3,500)
778010 Selkirk - Exterior Book Drop						10,700					10,700				(10,700)		(10,700)
Total Replacement/State of Good Repair	20,350	19,600	20,100	24,900	21,100	32,400	26,300	22,800	26,800	23,900	238,250				(238,250)		(238,250)
New/Enhanced Service																	
778002 Selkirk - Collection Enhancement	2,600	2,700	2,700	2,800	2,900	2,900	3,000	3,100	3,200	3,200	29,100			(26,450)	(2,650)		(29,100)
Total New/Enhanced Service	2,600	2,700	2,700	2,800	2,900	2,900	3,000	3,100	3,200	3,200	29,100			(26,450)	(2,650)		(29,100)
Total Selkirk Library	22,950	22,300	22,800	27,700	24,000	35,300	29,300	25,900	30,000	27,100	267,350			(26,450)	(240,900)		(267,350)
Total Libraries	598,090	5,993,500	227,300	247,100	256,800	240,600	352,100	242,900	251,000	345,700	8,755,090		(991,800)	(979,000)	(2,520,190)	(4,264,100)	(8,755,090)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Cultural Services																	
Edinburgh Square																	
Replacement/State of Good Repair																	
782008 Window Replacement	320,000										320,000				(320,000)		(320,000)
782009 Exterior Painting	16,600										16,600				(16,600)		(16,600)
Total Replacement/State of Good Repair	336,600										336,600				(336,600)		(336,600)
Total Edinburgh Square	336,600										336,600				(336,600)		(336,600)
Heritage & Culture General																	
Replacement/State of Good Repair																	
781001 General Repairs/Maintenance	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	50,000				(50,000)	(50,000)	
Total Replacement/State of Good Repair	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	50,000				(50,000)	(50,000)	
Total Heritage & Culture General	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	50,000				(50,000)	(50,000)	
W. M. Memorial School Museum																	
Replacement/State of Good Repair																	
784010 Roof Replacement							145,000				145,000				(145,000)		(145,000)
784011 Painting: Exterior and Shutter Repair			9,500								9,500				(9,500)		(9,500)
Total Replacement/State of Good Repair			9,500				145,000				154,500				(154,500)		(154,500)
New/Enhanced Service																	
784013 Wilson MacDonald - Accessible Front Ramp	120,000										120,000	(88,450)			(31,550)		(120,000)
Total New/Enhanced Service	120,000										120,000	(88,450)			(31,550)		(120,000)
Total W. M. Memorial School Museum	120,000		9,500				145,000				274,500	(88,450)			(186,050)		(274,500)
Total Cultural Services	461,600	5,000	14,500	5,000	5,000	5,000	150,000	5,000	5,000	5,000	661,100	(88,450)		(572,650)		(661,100)	



Haldimand
County

Planning & Development



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Planning and Development Stage: Draft Budget	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Planning & Zoning	150,000	82,100		15,100	77,300	169,800	150,800		17,100	93,700	755,900			(321,630)	(434,270)		(755,900)
Total Planning & Zoning	150,000	82,100		15,100	77,300	169,800	150,800		17,100	93,700	755,900			(321,630)	(434,270)		(755,900)
Tourism	112,400	27,100	6,800	6,900	7,100	80,900	114,300	7,700	7,800	8,000	379,000		(38,300)		(340,700)		(379,000)
Total Economic Development and Tourism	112,400	27,100	6,800	6,900	7,100	80,900	114,300	7,700	7,800	8,000	379,000		(38,300)		(340,700)		(379,000)
Tree Conservation & Reforestation	855,000	743,300	761,800	673,300	607,400	509,400	522,100	535,200	548,500	562,000	6,318,000				(6,318,000)		(6,318,000)
Total Tree Conservation & Reforestation	855,000	743,300	761,800	673,300	607,400	509,400	522,100	535,200	548,500	562,000	6,318,000				(6,318,000)		(6,318,000)
Total Planning and Development	1,117,400	852,500	768,600	695,300	691,800	760,100	787,200	542,900	573,400	663,700	7,452,900		(38,300)	(321,630)	(7,092,970)		(7,452,900)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Planning and Development Stage: Draft Budget Planning & Zoning	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Planning & Zoning																	
Replacement/State of Good Repair																	
812007 OP 5 yr. Review & Places to Grow Update					77,300					93,700	171,000				(171,000)		(171,000)
812008 Aerial Photography Update				15,100					17,100		32,200				(32,200)		(32,200)
812011 Zoning By-Law Update							87,000				87,000				(87,000)		(87,000)
Total Replacement/State of Good Repair				15,100	77,300		87,000		17,100	93,700	290,200				(290,200)		(290,200)
New/Enhanced Service																	
812001 Population & Employment Forecast Update		30,800					34,800				65,600			(59,040)	(6,560)		(65,600)
812009 Dev. Study-Lakeshore Area & Urban Dow'tns		51,300					29,000				80,300			(72,270)	(8,030)		(80,300)
812010 Archaeological Master Plan	150,000										150,000			(37,500)	(112,500)		(150,000)
812012 Duv Sec Plan Implementation-Special Policy Area						169,800					169,800			(152,820)	(16,980)		(169,800)
Total New/Enhanced Service	150,000	82,100				169,800	63,800				465,700			(321,630)	(144,070)		(465,700)
Total Planning & Zoning	150,000	82,100		15,100	77,300	169,800	150,800		17,100	93,700	755,900			(321,630)	(434,270)		(755,900)
Total Planning & Zoning	150,000	82,100		15,100	77,300	169,800	150,800		17,100	93,700	755,900			(321,630)	(434,270)		(755,900)



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Planning and Development Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Economic Development and Tourism																	
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031							
Tourism																	
Replacement/State of Good Repair																	
825001 Promotional & Directional Sign Replacement	46,000	20,500				45,300	62,700				174,500			(174,500)		(174,500)	
825003 Tourism Product Development - Cycling	60,000					28,300	44,100				132,400			(132,400)		(132,400)	
Total Replacement/State of Good Repair	106,000	20,500				73,600	106,800				306,900			(306,900)		(306,900)	
New/Enhanced Service																	
821001 Tourism Partnership Signage Program	6,400	6,600	6,800	6,900	7,100	7,300	7,500	7,700	7,800	8,000	72,100		(38,300)	(33,800)		(72,100)	
Total New/Enhanced Service	6,400	6,600	6,800	6,900	7,100	7,300	7,500	7,700	7,800	8,000	72,100		(38,300)	(33,800)		(72,100)	
Total Tourism	112,400	27,100	6,800	6,900	7,100	80,900	114,300	7,700	7,800	8,000	379,000		(38,300)	(340,700)		(379,000)	
Total Economic Development and Tourism	112,400	27,100	6,800	6,900	7,100	80,900	114,300	7,700	7,800	8,000	379,000		(38,300)	(340,700)		(379,000)	



HALDIMAND COUNTY

2022 to 2031 CAPITAL FORECAST

FIR Category: Planning and Development Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Tree Conservation & Reforestation	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031							
Tree Conservation & Reforestation																	
Replacement/State of Good Repair																	
297002	Downtown Street Tree Removal and Planting	175,000	179,400	183,900	188,500							726,800			(726,800)	(726,800)	
297003	Forest Management & Operating Plan	80,000				55,200						135,200			(135,200)	(135,200)	
297004	Urban Forest Management & Operating Plan	50,000				55,200						105,200			(105,200)	(105,200)	
297005	Tree Removal and Planting	550,000	563,900	577,900	484,800	497,000	509,400	522,100	535,200	548,500	562,000	5,350,800			(5,350,800)	(5,350,800)	
Total Replacement/State of Good Repair		855,000	743,300	761,800	673,300	607,400	509,400	522,100	535,200	548,500	562,000	6,318,000			(6,318,000)	(6,318,000)	
Total Tree Conservation & Reforestation		855,000	743,300	761,800	673,300	607,400	509,400	522,100	535,200	548,500	562,000	6,318,000			(6,318,000)	(6,318,000)	
Total Tree Conservation & Reforestation		855,000	743,300	761,800	673,300	607,400	509,400	522,100	535,200	548,500	562,000	6,318,000			(6,318,000)	(6,318,000)	



Haldimand County



Haldimand
County

Appendices



2022 Capital Financing Principles

Principles Source	Sub-category	Principle
External Sources	External Financing - Donation/Contributions	Municipal Drains based on legislative assessment. Partnership with community groups based on Community Partnership Framework for new service/enhanced infrastructure projects, or acceleration of replacement of infrastructure.
	External Financing - Donation towards Decorative Streetlights	Upgrades from standard to decorative streetlights will be funded by BIA or community group, based on \$650/light.
	External Financing - Municipal Recoveries	Based on agreed cost sharing principles.
Grants	Allocation of Federal Gas Tax Funds	Allocate 50/50 between water/wastewater and tax supported capital projects. Apply to incremental projects, new/enhanced services. Gas Tax will be used in order to avoid debt financing. Need to ensure the project meets eligibility requirements for Gas Tax funding.
	Ontario Community Infrastructure Fund - formula component	As the intention of this program is to assist municipalities in funding critical projects identified within their Asset Management Plans in the eligible "core infrastructure" areas, and as the County's current Asset Management Plan (AMP) identifies funding needs within the core infrastructure areas of Roads, Bridges, and Water, with the largest infrastructure deficit shown within the roads program, this funding will be utilized within the roads program. Future year's allocations will be assigned to eligible capital projects through the annual capital budget review process.
	Clean Water and Wastewater Fund	To be utilized for acceleration of the rehabilitation and modernization of drinking water, wastewater and stormwater infrastructure; to foster economic growth and support a cleaner and healthier environment for communities; to improve the reliability of drinking water, wastewater and stormwater systems and meet federal or provincial regulations, standards or guidelines.
	Other Grants	As available based on eligibility of funds
County Reserves/Reserve Funds	Capital Replacement Reserves/Reserve Funds	Capital Replacement Reserves/Reserve Funds will have a positive balance at the end of the 10 year forecast. Interim financing during the forecast will not exceed 25% of annual contributions in any given year. All projects requiring interim financing will have interest charges applied to the capital project.
	Land Sales Reserve	To be utilized for to provide a source of funds for land purchases, building construction or major capital improvements to County-owned buildings.
	Parkland Dedication Reserve fund	To be utilized for to provide a source of funds for acquisition and development of public parks, recreation facilities and trails.
	Development Charge Reserve Funds	Development Charges reserve funds will remain positive in aggregate over the 10 year forecast.
Debt Financing	County Debt Portion	Annual debt repayments will not exceed 10% of own source revenues. Debt will only be applied to projects under the following principles: Gross Project Costs < \$1 million: Not eligible for debt Gross Project Costs between \$1 Million and \$10 Million : Debt financed for a period of 10 years. Gross Project Costs > \$10 million and asset life >20 years: Debt financed for a period of 20 years. Debt to be issued at time of project initiation (i.e. award of tender) Engineering components less than 25% of project cost, if initiated more than 2 years before construction, will not be eligible for debt financing.
	DC Debt (growth related debt)	DC debt will be applied under the following circumstances: - projects where issuing debt for County share of project, and development charges funding is applicable, DC debt will be considered if insufficient development charges receipts are available. - if the DCRF results in a negative balance, a review of significant DC funded projects will occur to review for potential DC debt issuance Debt to be issued at time of project initiation (i.e. award of tender)

Application of Funding Sources for Specific Capital Projects	
Nature of Project	Hierarchy of Funding Source
Replacements/SOGR	External Revenues Applicable Grants Development Charges (if applicable) Specific Capital Replacement Reserve/Reserve Funds Debt Financing
New Initiatives/Enhancements	External Revenues Applicable Grants Development Charges (if applicable) Specific Capital Replacement Reserve/Reserve Funds Debt Financing



2022 Debt History

TAX													
<u>Project</u>	<u>ByLaw #</u>	<u>Payee</u>	<u>Pmt Method</u>	<u>date of issue</u>	<u>Original Principal</u>	<u>Current Interest rate</u>	<u>Annual Principal Payments (average)</u>	<u>Outstanding Principal (as at December 31, 2020)</u>	<u>2021 Annual Payments</u>	<u>offsetting funding</u>	<u>Net County Responsibility</u>	<u>Outstanding Principal (as at December 31, 2021)</u>	<u>Maturity</u>
Central Administration Facility	2067/19	IO	PAD	July 2, 2019	\$19,450,000	2.71%	\$486,250	\$18,477,500	\$1,466,706	0	\$1,466,706	\$18,477,500	2039
Lowbanks - Firehall and Community Centre	1392/13	IO	PAD	October 1, 2013	\$898,500	3.36%	\$89,850	\$269,550	\$98,150	0	\$98,150	\$179,700	2023
Cayuga Fire Station	1711/16	IO	PAD	October 3, 2016	\$1,502,800	2.07%	\$150,280	\$901,680	\$168,118	(115,159)	\$52,959	\$751,400	2026
Hagersville Fire Station	1711/16	IO	PAD	October 3, 2016	\$1,747,700	2.07%	\$174,770	\$1,048,620	\$195,515	(26,110)	\$169,405	\$873,850	2026
South Haldimand Fire Station	1711/16	IO	PAD	October 3, 2016	\$1,236,300	2.07%	\$123,630	\$741,780	\$138,305	(45,218)	\$93,087	\$618,150	2026
Cayuga EMS Station	1711/16	IO	PAD	October 3, 2016	\$512,900	2.07%	\$51,290	\$307,740	\$57,378	(8,558)	\$48,820	\$256,450	2026
Hagersville EMS Station	1711/16	IO	PAD	October 3, 2016	\$710,400	2.07%	\$71,040	\$426,240	\$79,472	(10,661)	\$68,811	\$355,200	2026
Grandview	824/07	IO	PAD	July 16, 2007	\$17,000,000	5.27%	\$850,000	\$5,950,000	\$1,152,458	(483,552)	\$668,906	\$5,100,000	2027
Grandview - New Debt	1393/13	IO	PAD	October 1, 2013	\$1,686,000	3.82%	\$112,453	\$899,627	\$145,742	0	\$145,742	\$787,174	2028
Conversion of CNR Bridge	2066-19	IO	PAD	July 2, 2019	\$1,160,000	2.40%	\$116,000	\$1,044,000	\$140,366	0	\$140,366	\$928,000	2029
Dunn Storm Sewer - Alder to Cedar	2269/21	IO	PAD	October 1, 2021	\$524,140	2.01%	\$52,414	\$524,140	\$0	0	\$0	\$524,140	2031
HCCC - Balloon & New Debt	1392/13	IO	PAD	October 1, 2013	\$3,658,000	3.36%	\$365,800	\$1,097,400	\$399,592	(163,833)	\$235,759	\$731,600	2023
Cayuga Arena	1394/13	IO	PAD	October 1, 2013	\$6,620,400	4.11%	\$331,020	\$4,303,260	\$504,473	(267,705)	\$236,768	\$3,972,240	2033
Dunnville Arena	1394/13	IO	PAD	October 1, 2013	\$7,656,900	4.11%	\$382,845	\$4,976,985	\$583,455	(175,656)	\$407,799	\$4,594,140	2033
Cayuga Library	2066/19	IO	PAD	July 2, 2019	\$2,299,800	2.40%	\$229,980	\$2,069,820	\$278,287	(81,775)	\$196,512	\$1,839,840	2029
Dunnville Library	1829/17	CDS	PAD	July 5, 2017	\$864,700	1.55%	\$86,470	\$619,566	\$96,277	(96,277)	\$0	\$535,705	2027
Caledonia Lions Hall	1711/16	IO	PAD	October 3, 2016	\$1,653,000	2.07%	\$165,300	\$991,800	\$184,921	0	\$184,921	\$826,500	2026
Total Tax Supported								\$44,649,708	\$5,689,215	-\$1,474,504	\$4,214,711	\$41,351,588	

RATE SUPPORTED WATER AND WASTEWATER													
<u>Project</u>	<u>ByLaw #</u>	<u>Payee</u>	<u>Pmt Method</u>	<u>date of issue</u>	<u>Original Principal</u>	<u>Current Interest rate</u>	<u>Annual Principal Payments (average)</u>	<u>Outstanding Principal (as at December 31, 2020)</u>	<u>2021 Annual Payments</u>	<u>offsetting funding</u>	<u>Net County Responsibility</u>	<u>Outstanding Principal (as at December 31, 2021)</u>	<u>Maturity</u>
Water projects													
Caithness Street - Argyle to McClung, Caledonia	1392/13	IO	PAD	October 1, 2013	\$789,900	3.36%	\$78,990	\$236,970	\$86,287	0	\$86,287	\$157,980	2023
Jarvis Watermain Replacement	1829/17	CDS	PAD	July 5, 2017	\$2,250,000	1.55%	\$225,000	\$1,612,147	\$250,518	(62,629)	\$187,888	\$1,393,934	2027
Nanticoke Electrical Servicing Upgrades	1829/17	CDS	PAD	July 5, 2017	\$100,000	1.55%	\$10,000	\$71,651	\$11,134	(11,134)	\$0	\$61,953	2027
Nanticoke Filter Building Expansion	1829/17	CDS	PAD	July 5, 2017	\$1,704,400	1.55%	\$170,440	\$1,221,219	\$189,770	(47,442)	\$142,327	\$1,055,921	2027
Nanticoke High Rate Sedimentation Capacity Expansion	1829/17	CDS	PAD	July 5, 2017	\$1,337,400	1.55%	\$133,740	\$958,260	\$148,908	(37,221)	\$111,686	\$828,555	2027
Nanticoke Water System Filter Replacement	1829/17	CDS	PAD	July 5, 2017	\$2,340,900	1.55%	\$234,090	\$1,677,278	\$260,639	(260,639)	\$0	\$1,450,249	2027
Nanticoke Water Treatment Process	1829/17	CDS	PAD	July 5, 2017	\$2,983,200	1.55%	\$298,320	\$2,137,492	\$332,153	(83,038)	\$249,115	\$1,848,171	2027
Wastewater Projects													
Caithness Street - Argyle to McClung	1392/13	IO	PAD	October 1, 2013	\$502,800	3.36%	\$50,280	\$150,840	\$54,925	0	\$54,925	\$100,560	2023
Caledonia Water Pollution Control Upgrade Balloon	1392/13	IO	PAD	October 1, 2013	\$3,024,000	3.36%	\$302,400	\$907,200	\$330,335	(214,718)	\$115,617	\$604,800	2023
Caledonia WWTP Upgrades	1829/17	CDS	PAD	July 5, 2017	\$628,700	1.55%	\$62,870	\$450,470	\$70,000	(70,000)	\$0	\$389,496	2027
Caledonia Nairne Street Forcemain	2269/21	IO	PAD	October 1, 2021	\$1,233,500	2.01%	\$123,350	\$1,233,500	\$0	0	\$0	\$1,233,500	2031
Caledonia WWTP - Aeration Diffuser Head Upgrades	2269/21	IO	PAD	October 1, 2021	\$591,010	2.01%	\$59,101	\$591,010	\$0	0	\$0	\$591,010	2031
Dunnville WWTP	2066/19	IO	PAD	July 2, 2019	\$9,178,950	2.40%	\$917,895	\$8,261,055	\$1,110,698	(55,535)	\$1,055,163	\$7,343,160	2029
Jarvis Lagoon Upgrades	1829/17	CDS	PAD	July 5, 2017	\$122,700	1.55%	\$12,270	\$87,916	\$13,662	(13,662)	\$0	\$76,016	2027
Jarvis - Additional Wastewater Treatment Capacity	2269/21	IO	PAD	October 1, 2021	\$6,000,000	2.01%	\$600,000	\$6,000,000	\$0	0	\$0	\$6,000,000	2031
Townsend Lagoon	2066/19	IO	PAD	July 2, 2019	\$562,500	2.40%	\$56,250	\$506,250	\$68,065	(68,065)	\$0	\$450,000	2029
Total Rate Supported Water and Wastewater								\$26,103,259	\$2,927,093	-\$924,084	\$2,003,009	\$23,585,305	

Total Debt:

\$70,752,967	\$8,616,307	-\$2,398,588	\$6,217,719	\$64,936,894
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Summary of Forecasted Capital Reserve Balances
For the Years 2022 - 2031

	2020 Unaudited	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast	2028 Forecast	2029 Forecast	2030 Forecast	2031 Forecast
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
CRR - Ambulance	366,464	432,114	626,434	440,654	348,304	487,804	628,584	693,974	1,078,804	1,019,504	880,014	968,074
CRR - Community Halls	674,265	88,481	235,781	227,281	338,181	407,081	81,781	1,481	51,781	90,881	119,481	137,381
CRR - Fire Fleet	3,468,351	4,004,501	3,723,211	3,318,291	3,459,451	3,924,311	4,503,201	3,115,961	3,330,041	2,470,901	1,868,911	1,683,651
CRR - General	7,673,072	2,276,924	52,794	12,394	1,039,934	432,874	1,154,074	1,106,704	(396,106)	(117,006)	(207,206)	240,135
CRR - Information Technology	1,727,340	612,913	675,223	1,071,453	1,304,143	1,225,893	1,648,603	1,812,983	1,765,843	1,856,103	1,530,583	1,491,623
CRR - Other Fleet	1,686,441	1,677,032	1,781,662	1,419,562	1,316,792	1,137,862	1,448,142	1,536,252	1,779,212	1,723,652	1,936,852	2,301,192
CRR - Roads Equipment	2,255,553	988,228	1,784,518	1,652,948	1,875,978	2,991,978	4,379,228	5,264,828	3,936,138	4,977,678	4,402,278	4,333,388
CRR - Roads Infrastructure	15,592,659	8,919,163	6,110,036	2,479,912	330,600	733,820	652,824	1,674,025	3,670,975	6,369,331	6,340,914	8,326,920
CRR - Storm Sewer	1,039,582	328,268	332,598	437,918	543,858	650,648	758,228	866,438	975,228	1,084,558	1,194,378	1,304,758
Community Partnership Capital Program Reserve	389,128	267,113	267,113	267,113	267,113	267,113	267,113	267,113	267,113	267,113	267,113	267,113
Roads Development Reserve	947,536	947,536	947,536	947,536	947,536	947,536	947,536	947,536	947,536	947,536	947,536	947,536
Roads Rehabilitation Reserve	134,223	134,223	134,223	134,223	134,220	134,220	134,220	134,220	134,220	134,220	134,220	134,220
Library Reserve Fund	1,117,088	542,772	659,422	689,602	793,682	878,502	976,322	1,011,642	992,602	1,083,302	1,166,442	1,179,882
Parkland Dedication Reserve Fund	776,546	509,866	509,866	499,866	499,866	499,866	499,866	499,866	499,866	499,866	499,866	499,866
Drain Fund	395,279	396,829	323,324	266,519	238,024	126,259	97,154	72,629	40,214	20,339	(28,576)	42,299
Land Sales Reserve	2,100,385	700,172	700,172	700,172	700,172	215,372	215,372	215,372	215,372	215,372	215,372	215,372
La Fortune Reserve Fund	160,151	157,654	157,654	157,654	157,654	157,654	157,654	157,654	157,654	157,654	157,654	157,654
Harvard Plane Reserve Fund	37,812	37,812	37,812	37,812	37,812	37,812	37,812	37,812	37,812	37,812	37,812	37,812
Sub-total	40,541,875	23,021,603	19,059,381	14,760,912	14,333,323	15,256,607	18,587,717	19,416,492	19,484,307	22,838,817	21,463,645	24,268,876
Federal Gas Tax Revenue Reserve Fund	2,413,334	4,807,869	5,875,799	4,159,408	6,047,617	3,354,726	3,613,935	2,545,944	3,419,253	1,951,262	71	70,880
OCIF Funding	1,580,893	79,499	79,499	79,499	79,499	79,499	79,499	79,499	79,499	79,499	79,499	79,499
Community Vibrancy Reserve Fund (Appendix D)	(10,319,377)	(9,726,794)	(9,578,567)	(8,728,965)	(7,841,663)	(6,915,028)	(5,947,485)	(4,937,353)	(3,882,893)	(2,782,260)	(1,516,645)	(199,012)
Total Tax Supported DCRF's (Appendix E)	5,319,920	6,171,605	8,270,537	9,784,596	11,056,839	8,391,999	10,848,865	13,358,599	16,235,339	19,363,105	22,045,057	25,424,739
TOTAL TAX SUPPORTED CAPITAL RES/RF'S	39,536,646	24,353,783	23,706,648	20,055,451	23,675,615	20,167,803	27,182,530	30,463,181	35,335,505	41,450,422	42,071,627	49,644,982
Hydro Legacy Fund	86,586,840											
Growing Communities Reserve Fund	1,514,304											

Note - 2021 estimates assume full commitment of active projects and no interest earnings have been included.
Excludes Tax Supported Operating Reserves



Community Vibrancy Fund Net Present Value Calculations
2022 Capital Budget and Forecast

AREA	GROSS VALUE			Cumulative Actuals/Commitments to Date		
	CONTRIBUTIONS	EXPENDITURES	DIFFERENCE	CONTRIBUTIONS (less Interest expense)	Actual/Committed EXPENDITURES	Net Available Balance in 2022
Ward 1	8,935,803	(6,068,630)	2,867,173	6,865,017	(6,080,959)	784,058
Ward 2	13,311,680	(9,749,749)	3,561,931	10,476,381	(9,264,713)	1,211,668
Ward 4	1,586,131	(1,090,621)	495,510	1,090,621	(1,078,608)	12,013
Ward 5	7,918,742	(6,026,504)	1,892,239	6,026,504	(2,441,549)	3,584,954
TOTAL	31,752,356	(22,935,504)	8,816,852	24,458,523	(18,865,830)	5,592,693

Notes:

1. Information gathered is unaudited as at December 31, 2022
2. At present, there are no projects throughout the 2022-2031 Capital Forecast making use of available CVF funding.



Forecast of Community Vibrancy Reserve Fund
For the Years 2012 TO 2031

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
SUMMARY																				
Opening Balance January 1st	100,564	72,251	63,632	(4,942,085)	(7,963,904)	(9,140,201)	(10,800,307.86)	(10,982,965)	(10,873,496)	(10,319,377)	(9,726,794)	(8,762,127)	(7,878,969)	(6,956,733)	(5,993,727)	(4,988,318)	(3,938,764)	(2,843,263)	(1,699,901)	(389,800)
Source of Funds:																				
Contributions from Agreement			233,371	754,509	1,508,959	1,633,281	1,896,500	1,896,500	1,970,236	1,984,500	1,984,500	1,984,500	1,984,500	1,984,500	1,984,500	1,984,500	1,984,500	1,984,500	1,984,500	1,984,500
Additional Contributions			100,000	100,000		125,000		175,000												
Interest Earned	2,716	1,333	(99,050)	(259,878)	(345,085)	(405,580)	(441,903)	(444,372)	(546,003)	(410,089)	(485,352)	(569,644)	(533,308)	(495,364)	(455,746)	(414,385)	(371,209)	(326,145)	(277,499)	(223,654)
Total Source of Funds	2,716	1,333	134,321	594,631	1,163,874	1,352,700	1,454,597	1,627,128	1,424,233	1,574,411	1,499,148	1,414,856	1,451,192	1,489,136	1,528,754	1,570,115	1,613,291	1,658,355	1,707,001	1,760,846
Use of Funds:																				
Commitment for Active Projects	31,029	9,952	4,990,038	3,466,451	2,190,171	1,465,638	541,942	872,682	251,607	269,669	221,900	246,900	396,900	396,900	396,900	396,900	396,900	396,900	396,900	396,900
Contribution to Trails Initiative				0	0	1,372,169	270,878	48,105	143,222	240,366	137,582	134,798	132,056	129,230	126,446	123,662	120,889	118,094	0	0
Contribution to New Initiatives/Enhanced Service Projects			150,000	150,000	150,000	175,000	824,433	596,872	475,285	471,793	175,000	150,000	0	0	0	0	0	0	0	0
Total Use of Funds	31,029	9,952	5,140,038	3,616,451	2,340,171	3,012,807	1,637,254	1,517,659	870,114	981,828	534,482	531,698	528,956	526,130	523,346	520,562	517,789	514,994	396,900	396,900
Closing Balance December 31st	72,251	63,632	(4,942,085)	(7,963,904)	(9,140,201)	(10,800,308)	(10,982,964.92)	(10,873,496)	(10,319,377)	(9,726,794)	(8,762,127)	(7,878,969)	(6,956,733)	(5,993,727)	(4,988,318)	(3,938,764)	(2,843,263)	(1,699,901)	(389,800)	974,145
Non Specified 20%																				
Opening Balance January 1st	100,564	72,251	63,632	(211,878)	(295,643)	(246,792)	(146,888)	(108,242)	(25,000)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Source of Funds:																				
Contributions from Agreement			46,680	250,902	301,671	451,656	379,300	554,300	394,047	396,900	396,900	396,900	396,900	396,900	396,900	396,900	396,900	396,900	396,900	396,900
Interest Earned	2,716	1,333	(3,802)	(10,220)	(11,309)	(8,736)	(5,420)	(2,668)	(668)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Total Source of Funds	2,716	1,333	42,878	240,682	290,362	442,920	373,880	551,632	393,379	396,900	396,900	396,900	396,900	396,900	396,900	396,900	396,900	396,900	396,900	396,900
Use of Funds:																				
Commitment for Active Projects	31,029	9,952	168,389	174,446.74	91,511	0		287,412.81	218,379.16	221,900	221,900	246,900	396,900	396,900	396,900	396,900	396,900	396,900	396,900	396,900
Contribution to Unidentified Trails						168,016	160,234	5,978												
Rural Water Quality Program (2017-2021)						25,000	25,000	25,000		25,000	25,000									
Contribution to Community Partnership Capital Reserve			150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000								
Total Use of Funds	31,029	9,952	318,389	324,447	241,511	343,016	335,234	468,390	368,379	396,900	396,900	396,900	396,900	396,900	396,900	396,900	396,900	396,900	396,900	396,900
Closing Balance December 31st	72,251	63,632	(211,878)	(295,643)	(246,792)	(146,888)	(108,242)	(25,000.00)	(0.0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Ward 1																				
Opening Balance January 1st	0	0	0	(2,399,816)	(2,994,767)	(3,813,173)	(3,619,810)	(3,629,434)	(3,757,405)	(3,669,925)	(3,447,207)	(3,933,377)	(3,642,283)	(3,339,225)	(3,023,711)	(2,695,229)	(2,353,247)	(1,997,209)	(1,626,539)	(1,240,633)
Source of Funds:																				
Contributions from Agreement			134,876	376,105	376,105	376,105	376,105	376,105	435,094	446,505	446,505	446,505	446,505	446,505	446,505	446,505	446,505	446,505	446,505	446,505
Interest Earned			(48,323)	(108,626)	(137,086)	(151,908)	(146,853)	(150,138)	(171,025)	(145,676)	(148,617)	(155,411)	(143,447)	(130,991)	(118,023)	(104,523)	(90,467)	(75,834)	(60,600)	(44,739)
Total Source of Funds	0	0	86,553	267,479	239,019	224,197	229,252	225,967	264,069	300,829	297,888	291,094	303,058	315,514	328,482	341,982	356,038	370,671	385,905	401,766
Use of Funds:																				
Commitment for Active Projects			2,486,368	862,430	1,057,425	30,834		66,743	0											
Contribution to Trail Initiatives																				
Contribution to State of Good Repair Projects																				
Contribution to New Initiatives/Enhanced Service Projects																				
Cheapside Rd-Concession 2 Walpole to Hwy 3(shoulder widening)							233,231													
Selkirk Chamber Park Entrance Rehabilitation (1/3)							5,645	178	0											
Cheapside Rd-Hwy 3 to Haldimand Rd 20(shoulder widening)								17,018	75,568	78,032										
Haldimand Rd 3 (shoulder widening)								250,000												
Peacock Point Association - stairs								20,000												
Jarvis Lions Community Centre - transformer									9,922	78										
Cheapside CC - Parking Spaces									79,167											
Electrical Vehicle									11,933											
Total Use of Funds	0	0	2,486,368	862,430	1,057,425	30,834	238,876	353,939	176,590	78,110	784,058	0	0	0	0	0	0	0	0	0
Closing Balance December 31st	0	0	(2,399,816)	(2,994,767)	(3,813,173)	(3,619,810)	(3,629,434)	(3,757,405)	(3,669,925)	(3,447,207)	(3,933,377)	(3,642,283)	(3,339,225)	(3,023,711)	(2,695,229)	(2,353,247)	(1,997,209)	(1,626,539)	(1,240,633)	(838,867)
Ward 2																				
Opening Balance January 1st	0	0	0	(1,860,748)	(3,073,737)	(3,384,663)	(4,205,539)	(4,633,860)	(4,809,196)	(4,573,650)	(4,505,895)	(5,388,535)	(5,071,521)	(4,738,698)	(4,389,329)	(4,022,779)	(3,638,340)	(3,235,290)	(2,812,839)	(2,253,279)
Source of Funds:																				
Contributions from Agreement			51,815	213,675	607,530	665,846	665,846	665,846	665,846	665,846	665,846	665,846	665,846	665,846	665,846	665,846	665,846	665,846	665,846	665,846
Interest Earned			(37,468)	(99,362)	(130,048)	(153,739)	(177,992)	(190,238)	(219,526)	(184,446)	(199,236)	(214,034)	(200,966)	(187,248)	(172,850)	(157,746)	(141,906)	(125,302)	(106,286)	(83,288)
Total Source of Funds	0	0	14,347	114,313	477,482	512,107	487,854	475,608	446,320	481,400	466,610	451,812	464,879	478,598	492,996	508,100	523,940	540,544	559,560	582,558
Use of Funds:																				
Commitment for Active Projects			1,875,095	1,327,302	788,409	128,829	512,726	520,387	33,227	47,769										
Contribution to Trail Initiatives						1,204,153	110,644	42,127		100,000										
Contribution to Trail Initiatives - Debt Payments									143,222	140,366	137,582	134,798	132,056	129,230	126,446	123,662	120,889	118,094		
Contribution to New Initiatives/Enhanced Service Projects																				
Cayuga Village on the Green Landscape Improvements										100,000										
Lakeshore Road Lighting Enhancements							0	4,099	20,391	25,510										
Yaremy Road							278,735	332	0											
Fisherville Walking Track (PED-COM-13-2018)							0	78,000												
Fisherville Parks Committee Tractor Replacement							14,069													
JL Mitchener Playground Equipment								6,000												
Black Settlers of Canfield Documentary (CDP-01-2020)									2,000											
Electrical Vehicle									11,933											
Total Use of Funds	0	0	1,875,095	1,327,302	788,409	1,332,982	916,175	650,945	210,774	413,645	1,349,250	134,798	132,056	129,230	126,446	123,662	120,889	118,094	0	0
Closing Balance December 31st	0	0	(1,860,748)	(3,073,737)	(3,384,663)	(4,205,539)	(4,633,860)	(4,809,196)	(4,573,650)	(4,505,895)	(5,388,535)	(5,071,521)	(4,738,698)	(4,389,329)	(4,022,779)	(3,638,340)	(3,235,290)	(2,812,839)	(2,253,279)	(1,670,721)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Ward 4																				
Opening Balance January 1st	0	0	0	(120,911)	(791,388)	(899,385)	(928,021)	(938,793)	(896,743)	(852,307)	(827,580)	(792,115)	(743,013)	(691,891)	(638,669)	(583,260)	(525,573)	(465,515)	(402,989)	(337,893)
Source of Funds:																				
Contributions from Agreement			0	5,076	80,531	80,531	80,531	80,531	80,531	80,531	80,531	80,531	80,531	80,531	80,531	80,531	80,531	80,531	80,531	80,531
Interest Earned			(2,435)	(18,370)	(34,046)	(36,850)	(37,764)	(37,471)	(36,095)	(34,205)	(33,054)	(31,429)	(29,410)	(27,309)	(25,122)	(22,845)	(20,474)	(18,005)	(15,435)	(12,760)
Total Source of Funds	0	0	(2,435)	(13,295)	46,486	43,682	42,768	43,060	44,436	46,327	47,477	49,103	51,121	53,222	55,410	57,687	60,058	62,526	65,096	67,771
Use of Funds:																				
Commitment for Active Projects			118,476	657,182	154,483	72,318	3,771				12,013									
Contribution to State of Good Repair Projects																				
Contribution to New Initiatives/Enhanced Service Projects																				
Hagersville Twinkle Lights Committee							45,209													
Canfield Fire - Asphalt Approach							4,559													
Canfield Hall - portable sound system							0	1,010	0											
Hagersville Fire Hall - electronic sign								0		21,600										
Total Use of Funds	0	0	118,476	657,182	154,483	72,318	53,539	1,010	0	21,600	12,013	0	0	0	0	0	0	0	0	0
Closing Balance December 31st	0	0	(120,911)	(791,388)	(899,385)	(928,021)	(938,793)	(896,743)	(852,307)	(827,580)	(792,115)	(743,013)	(691,891)	(638,669)	(583,260)	(525,573)	(465,515)	(402,989)	(337,893)	(270,122)
Ward 5																				
Opening Balance January 1st	0	0	0	(348,731)	(808,369)	(796,188)	(1,900,050)	(1,672,638)	(1,385,152)	(1,223,495)	(946,112)	(4,240,794)	(4,014,847)	(3,779,614)	(3,534,713)	(3,279,746)	(3,014,300)	(2,737,944)	(2,450,230)	(2,150,691)
Source of Funds:																				
Contributions from Agreement			0	8,752	143,121	184,143	394,717	394,717	394,717	394,717	394,717	394,717	394,717	394,717	394,717	394,717	394,717	394,717	394,717	394,717
Interest Earned			(7,022)	(23,300)	(32,597)	(54,348)	(73,874)	(63,857)	(118,689)	(45,762)	(104,445)	(168,771)	(159,484)	(149,816)	(139,751)	(129,272)	(118,362)	(107,003)	(95,178)	(82,867)
Total Source of Funds	0	0	(7,022)	(14,548)	110,524	129,795	320,843	330,860	276,029	348,956	290,273	225,947	235,233	244,901	254,967	265,446	276,356	287,714	299,539	311,850
Use of Funds:																				
Commitment for Active Projects			341,709	445,090	98,343	1,233,657	25,445	(1,861)												
Contribution to State of Good Repair Projects											3,584,954									
Cross Street Functional Servicing Report							0	5,553	0											
Dunnville Bridge Noise Mitigation							53,800	0	0											
Lowbanks (PED-COM-25-2017)							14,186	(39)		1,983										
Installation of Streetlights								8,197	94,353	31,449										
Port Maitland Road Parking Improvements								29,028	3,596	7,376										
Dunnville Arena - viewing screen and net camera								2,495	3,740	5,765										
Lowbanks Firehall - Storage Shed									0	25,000										
Rock Point Bay Owners Assoc - Garbage Bin									750											
Electrical Vehilce									11,933											
Total Use of Funds	0	0	341,709	445,090	98,343	1,233,657	93,431	43,375	114,372	71,573	3,584,954	0	0	0	0	0	0	0	0	0
Closing Balance December 31st	0	0	(348,731)	(808,369)	(796,188)	(1,900,050)	(1,672,638)	(1,385,152)	(1,223,495)	(946,112)	(4,240,794)	(4,014,847)	(3,779,614)	(3,534,713)	(3,279,746)	(3,014,300)	(2,737,944)	(2,450,230)	(2,150,691)	(1,838,841)



Summary of Forecasted Development Charges Reserve Funds Balances
2022 - 2031 Tax Supported Capital Forecast

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
DCRF - Ambulance Services	99,277	(27,519)	(35,021)	(38,131)	(36,704)	(27,306)	4,355	41,222	83,275	130,692	133,602
DCRF - Fire Services	(189,327)	(62,716)	(102,447)	(130,791)	(145,581)	(146,356)	(132,453)	(153,869)	(160,021)	(150,484)	(130,117)
DCRF - General Government	71,112	121,056	109,326	202,083	298,621	402,146	324,652	375,714	488,087	604,943	690,707
DCRF - Leisure Services	5,185,019	6,743,221	8,337,070	10,269,307	12,162,525	14,393,641	16,734,807	19,189,150	21,760,495	24,452,174	27,200,288
DCRF - Library Services	1,328,268	1,497,399	1,678,841	1,873,540	1,974,645	2,105,478	2,252,400	2,512,233	2,790,180	3,154,470	3,529,165
DCRF - Parking Services	195,574	234,017	273,963	315,468	219,036	262,771	308,227	355,452	404,495	455,427	507,582
DCRF - Public Works - Buildings & Fleet	(204,720)	(469,726)	(389,265)	(628,042)	(4,962,398)	(4,995,489)	(5,004,518)	(5,011,149)	(5,015,269)	(5,016,760)	(5,042,530)
DCRF - Roads & Related	(556,880)	(108,196)	(330,186)	(1,157,693)	(1,379,858)	(1,512,660)	(1,606,874)	(1,637,735)	(1,626,353)	(1,570,967)	(1,466,627)
DCRF - Cemeteries	231,281	262,049	102,945	132,992	(40,463)	(10,608)	20,687	53,345	87,343	122,721	158,988
DCRF - Stormwater	(112,382)	(101,491)	(103,480)	(87,581)	(68,841)	(63,903)	(56,717)	(78,771)	(117,504)	(137,160)	(156,320)
DCRF - Waste Diversion	124,383	182,443	242,851	305,685	371,016	441,152	514,033	589,747	668,377	750,014	833,485
Total	6,171,605	8,270,537	9,784,596	11,056,839	8,391,999	10,848,865	13,358,599	16,235,339	19,363,105	22,045,057	25,424,739

NOTES:
 Incorporated in this analysis is the financing of development related expenditures over the next 10 and 20 years (10 years for parking, leisure, library, general government, cemeteries and ambulance services; 20 years for roads/bridges, fleet, fire services, water/water and storm sewer). It should be noted that at the end of this forecast period, the estimated balances in the reserve funds will be positive.
 Includes interest earnings and/or financing charges based on DC Background Study formula
 Development Charges revenue forecasts calculated per the 2019 Development Charges Background Study
 As it was anticipated that certain Development Charges reserve funds would be “negative” over the period covered by the current rates, these shortfalls would be offset either by external borrowing (“DC Debt”) for larger projects and internal borrowing for smaller projects: future debt
 Potential Debt repayment may be required related to major projects, currently shown as:
 - 222001 Caledonia Replacement Fire Station 2021
 - 542001 EMS Base - Caledonia 2021
 - 372007 Caledonia Arterial Road 2021
 - 374037 Caledonia Argyle Bridge 2024
 - 773003 Hagersville Library Replacement 2024
 - 750057 Hagersville Active Living Centre 2024
 - 226007 Dunnville Fire Station Replacement 2026



2022-2031 Tax Supported Capital Budget & Forecast
Projects with Operating Impacts - 2022 New Initiatives Only

Row Labels	Total Estimated Annual Cost/(Saving) (if available)	OPERATING Estimated Annual Cost/(Saving) (if available)	CAPITAL Estimated Annual Contributions From Operating	2022 Capital Cost
General Government				
Fleet & Equipment Pool (S)				
316030 - Ambulance - EMS				220,000
Fleet Charge to reflect the annual Operating and Capital Depreciation Costs for a Class 0b Unit, as approved in the 2022 Tax Capital Budget	64,460	27,790	36,670	
316050 - Passenger Van - EMS (1)				45,000
Fleet Charge to reflect the annual Operating and Capital Depreciation Costs for a Class 3a Unit, as approved in the 2022 Tax Capital Budget	8,180	3,680	4,500	
316051 - Diamond Boom Loader Attachment - Roads (2)				300,000
Fleet Charge to reflect the annual Operating and Capital Depreciation Costs for a Class 15e Unit, as Approved in the 2022 Tax Capital Budget	39,200	14,200	25,000	
316053 - Rotary Broom Loader Attachment - Roads (1)				40,000
Fleet Charge to reflect the annual Operating and Capital Depreciation Costs for a Class 15b Unit, as approved in the 2022 Tax Capital Budget	4,060	60	4,000	
General Administration Facilities (C)				
171020 - Project Manager, Caledonia EMS Station				0
Funding for Caledonia EMS project manager position - Authority: 2021 Tax Supported Capital Budget - End Date: 2022	(117,910)	(117,910)		
Costs for Caledonia EMS project manager position - Authority: 2021 Tax Supported Capital Budget - End Date: 2022	117,910	117,910		
Innovation & Technology Services (S)				
136007 - Mobile Phones				93,750
Cell phone charges incl data for Accessibility Coordinator position	300	300		
Cell phone charges incl data for Claims Coordinator position	300	300		
Cell phone charges incl data for Research Technician position	300	300		
Cell phone charges incl data for Sr Site Attendant position	300	300		
Cell phone charges incl data for Supervisor, Heritage and Culture	300	300		
Cell phone charges incl data for Employee Wellness Representative position	300	300		
Contribution for new cell phones (6 x \$180)	1,080		1,080	
136012 - Building Division Online Services Portal				50,000
Costs for Change orders (operating)- \$50,000: Estimate Received from Cityview PM.	50,000	50,000		
Funding for Change orders from Building Permit Cost Stabilization RF- \$50,000: Estimate Received from Cityview PM.	(50,000)	(50,000)		
136016 - Laptops				132,100
Contribution to CRR - IT for Accessibility Coordinator, CEC 2 in 1	580		580	
Kohler Fleet Office (C)				
317004 - MTO Modernizing Ontario's Vehicle Inspection Program				5,000
costs for safety inspection certificates	2,500	2,500		



2022-2031 Tax Supported Capital Budget & Forecast
Projects with Operating Impacts - 2022 New Initiatives Only

Row Labels	Total Estimated Annual Cost/(Saving) (if available)	OPERATING Estimated Annual Cost/(Saving) (if available)	CAPITAL Estimated Annual Contributions From Operating	2022 Capital Cost
Health Services				
Paramedic Services Administration (C)				
541014 - Paramedic Laptops for additional vehicles annual cost for licenses	2,300	2,300		19,500
Recreation & Cultural Services				
Cayuga Memorial Arena (C)				
745019 - CAY-Water Bottle Fill Station Contribution for Cayuga Arena Water Bottle Fill Station	830		830	7,500
Dunnville Memorial Arena (C)				
746021 - DUNN-Water Bottle Fill Station Contribution for Dunnville Arena Water Bottle Fill Station	840		840	7,500
Hagersville Arena (C)				
743018 - HAG ARENA- Water Bottle Fill Stations Contribution for Hagersville Arena Water Bottle Fill Station	830		830	7,500
Haldimand County Caledonia Centre (C)				
744030 - HCCC - Water Bottle filling stations Contribution for HCCC Water Bottle Fill Stations (3)	2,500		2,500	22,500
744031 - HCCC - HVAC & Humidification System Contribution for HCCC HVAC & Humidification project	30,000		30,000	400,000
Social & Family Services				
GVL - Housekeeping (S)				
634006 - Ceiling Lifts/Tracks, Carriage for Beds Contribution for GVL Ceiling Lifts/Tracks, Carriage for Beds	1,120		1,120	16,700
Transportation Services				
Gravel Road Conversion Program (C)				
381092 - Project Manager, Gravel Road Conversion Program Funding for Gravel Roads Conversion project manager position - Authority: 2021 Tax Supported Capital Budget - End Date: 2022 Costs for Gravel Roads Conversion project manager position - Authority: 2021 Tax Supported Capital Budget - End Date: 2022	(130,460) 130,460	(130,460) 130,460		-
Roads Administration (S)				
321004 - AVL Tracking Monthly Geotab (Gov rate) - Pro Plus Public Works Plan	15,000	15,000		50,000
Grand Total	175,280	67,330	107,950	1,417,050

Note:
 This excludes increased annual depreciation that may be required to fund future replacement of state of good repair projects, due to increased costs or changes in life cycle, and excludes any operating cost increases required for state of good repair projects (such as utilities, maintenance, etc.)
 The items requiring additional contribution to CRR-General, CRR-IT and the various CRR-Fleet reserves are also noted on Summary 2 - Net Capital Financing
 The items requiring additional contribution to CRR-Roads Infrastructure will be accommodated within the additional contributions being made to these reserves, shown on Summary 2 - Net Capital Financing
 Additional staffing needs are not to be considered a Council approved initiative. Council will be provided with further information as a New Initiative to be presented with the Tax Supported Operating Budget, in order to review the impacts on the tax levy, in conjunction with other corporate initiatives.