

DRAFT TAX SUPPORTED  
**CAPITAL BUDGET &  
FORECAST**  
2020 - 2029



## 2020 Draft Tax Supported Capital Budget and Forecast Table of Contents

<b>Executive Summary</b>	<b>Page</b>
Chief Financial Officer Report .....	i
Treasurer’s 2020 Draft Tax Supported Capital Budget & Forecast Report .....	iii
Summary 1 – Project Changes over \$100,000 .....	S1-1
Summary 2 - Net Capital Financing.....	S2-1
Summary 3 - 2020 Ten Year Forecast – Co-ordinated Projects.....	S3-1
Governance Structure.....	1
Haldimand County Council & Senior Staff .....	2
2020 - 2029 Draft Tax Supported Capital Budget & Forecast Overall Summary.....	3
General Government .....	5
Protection Services .....	21
Transportation Services .....	29
Environmental Services.....	69
Health Services.....	75
Social and Family Services.....	81
Recreation and Cultural Services .....	89
Planning and Development.....	115
Appendices	
Appendix A - Capital Financing Principles .....	123
Appendix B - 2020 Annual Debt Payments by Project.....	124
Appendix C - Summary of Forecasted Capital Reserve Balances .....	125
Appendix D - Community Vibrancy Fund - Net Present Value Calculations, Forecast Community Vibrancy Reserve Fund .....	126
Appendix E – Summary of Forecasted Development Charges Reserve Funds Balances.....	130
Appendix F - Proposed 2020 Projects with Operating Impacts.....	131

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# HALDIMAND COUNTY

## Chief Financial Officer Report

### 2020 Draft Tax Supported Capital Budget and Forecast

For Consideration by Committee of the Whole on March 5, 2020

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#### 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 ratepayers and the public at large. This document presents the 2020 Draft Tax Supported Capital Budget and Forecast, outlining the proposed tax supported capital infrastructure requirements for the period 2020 to 2029 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 28, 2020

The 2020 Draft 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").
- a. **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 2020.

#### **Key Financial Messages – 2020 Draft 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 \$37.1 million in spending in 2020 and \$246.4 million over the 10 year period.

The 2020 Draft 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 2020-2029 capital program results in the following:

- i. 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 2021;
- ii. A comprehensive roads and bridges capital program that, through additional funding of approximately \$15.2 million over the 10 year forecast (albeit primarily in the first four years), provides for:
  - i. A major road reconstruction program co-ordinated with underground services and utilities totaling approximately \$8 million over the forecast period;
  - ii. Hot mix resurfacing program responsible for maintaining paved rural and arterial urban roads program remains unchanged with approximately \$4 million annually to support the revised 20 year paving cycle;
  - iii. Urban paving program responsible for maintaining all local urban roads, coordinating replacement of all curb and sidewalks adjacent to roadway at total cost of approximately \$15.9 million over the forecast period;
  - iv. The acceleration of gravel road conversion to hard surface by 2025 with the bulk of the work occurring in 2020-2023. As Gravel roads are converted, funds are transferred to the surface treatment program resulting a net increase of approximately \$6 million over the forecast period to maintain these roads);
  - v. A fully funded bridge inspection and replacement program of the 266 bridges/culverts and a retaining wall program.
- iii. Specific to 2020, storm related road repairs totalling \$4.9 million have been estimated, contingent on grant approval of \$4.2 million (late February grant submission deadline).
- iv. A comprehensive program for Municipal Drain maintenance that results in the clean out activities every 10 years for all 84 municipal drains
- v. 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.
- vi. The acceleration/addition of the above noted programs has had the following impacts: shifting projects to future years (e.g. Townline Road Bridge to 2022), shifting annual funding between various capital replacement reserves, and delaying projects based on condition/risk factors.
- vii. Inclusion of key infrastructure to address tax related growth including \$5.9 million to develop an arterial roadway in Caledonia, \$1.4 million towards Argyle Street Bridge upgrades, \$3.8 million for a new combined firehall/ambulance base/equipment in Caledonia, \$3.8 million towards the replacement of the Library facility in Hagersville and Park development in Caledonia for \$2.3 million.

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?
- Uncertainty in terms of possible impacts to municipal grant revenue from the Province as the new Provincial government completes its review of its finances. The County annually receives approximately \$2.7 million from the Province towards capital spending (current 5-year agreement expires in 2021). As such, any reduction in capital grant funding could have a significant impact on the ability of the municipality to fund planned capital replacements.

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



## 2020 Draft Tax Supported Capital Budget and Forecast

Committee of the Whole on March 5, 2020

### 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 2020 Budget Timetable:

Draft Budget	Review Date(s)	Additional/Conditional Dates
Rate Supported Operating and Capital Budget	January 28, 2020	n/a
Tax Supported Capital Budget	March 5, 2020	March 6, 2020 (if required)
Tax Supported Operating Budget	April 22, 2020	April 23, 2020 (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 28, 2020.*

### 2020 Tax Supported Capital Budget and Forecast

The recommendations contained within the 2020 Draft Capital Budget and Forecast attempt to strike a balance between: (1) being fiscally responsible through establishing a long range sustainable capital plan; and (2) minimizing the tax impacts on the residents of the County, building on the fundamental principles of a focus on sustainability, protection against vulnerability and maintaining flexibility.

The fundamental financial principles/objectives of the 2020 Draft Tax Supported Capital Budget and Forecast are as follows:

- A 1.0% increase in the tax levy to fund the capital requirements for the 2020 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 2020 is estimated at 2.5%, 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 2020; 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 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, as it is anticipated that there are replacement capital projects not fully reflected in the later part of the forecast (primarily fire and land ambulance facilities, parks and recreational facilities, museums, social housing stock, and Grandview Lodge) that likely overstate the future forecasted reserve balances.

An analysis of the current projected Capital Replacement Reserves lead to concern over a projected negative balance within the Capital Replacement Reserve – General, beginning in 2022, and a projected negative balance within the Capital Replacement Reserve – Roads Infrastructure in 2026. As well, there is a significant

reduction in the overall balance of the capital replacement reserves during the the first five years (excluding the Hydro Legacy Fund and other minor capital specific reserves).

The 2020 Draft Tax Supported Capital Budget includes approximately \$37.1 million of infrastructure investment in 2020 with a total tax supported infrastructure investment of \$246.4 million over the 10 year period ending in 2029.

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 the tax supported operational impacts of the proposed new initiatives included in the capital program for 2020. Understanding the ongoing additional operational impacts will assist Council in evaluating the merits/needs of the proposed capital projects.

The County has limited predictable grant sources for capital funding. Approximately 11%, or \$26.7 million of the 2020 capital program 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, approximately \$2.7 million per year, has been approved by the Province until 2021 with reports that this program is currently under review. The potential loss of this OCIF funding would be extremely problematic as it will have an immediate and direct impact on the County's long-term strategy and the timing of work in all program areas, not just roads infrastructure.

The budget also includes anticipated provincial funding of approximately \$4.2 million from the Municipal Disaster Recovery Assistance (MDRA) program in response to the 2019 storm event. As per report CAO-01-2020 Storm Event Update, the County estimates storm damage to cost \$4.9 million with the balance of \$646,000 to be funded by the County through the Road Infrastructure reserve. Completion of these works is contingent on receipt of the Provincial funding. Without this funding, staff will need to review the overall roads program scope, costs and timing.

This capital forecast will require debt financing of approximately \$11.0 million in new tax supported debt and \$9.6 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 \$12.0 million (including both tax, rate supported and DC debt payments) at any point during the forecast period (ranging from \$6.6 million in 2019 to \$12.0 million in 2023). In general terms, 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 is derived from the County's tax levy. The recommended 1.0% increase in the overall capital levy for 2020 (includes debt charges and contributions to reserves) amounts to approximately \$672,000. For 2020, there is a reduction in contributions to reserve funds caused by an increase in debt payments of \$1.6 million in 2020. Acceleration and addition of projects, as well as lack of OCIF funding in the future, has had significant financial implications resulting in projected financing violations in both CRR-General and in CRR- Roads Infrastructure.

To stay within the approved 1% annual levy increase over the forecast period required prioritization of projects and as such, a delay/deferral of identified projects. Potential projects were evaluated based on scope of project and potential service impacts – leading to the deferral of the replacement of the Townline Bridge from 2020 to 2022. Future budgets may require additional review of: underlying financing strategy, potential timing, and scope for all program areas, not just roads infrastructure.

### **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, inevitably placing additional constraints and pressures on resources and finances. Over the past few years, many municipal associations (i.e. Municipal Finance Officers Association (MFOA) and Government Finance Officers Association (GFOA)) 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) of tangible capital assets 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. As well, beginning January 1, 2018, the Province has passed new legislation that will require all municipalities to adopt a service based asset management plan for all assets. Under this new legislation, every municipality will be required to prepare a strategic comprehensive asset management policy that includes 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 future years with all components fully implemented by July 1, 2024.

The County completed the first draft of its asset management plan, covering the required core infrastructure categories, as at December 31, 2013 and presented it to Council in early 2014. A second draft was presented to Council in December 2014 but still required further staff review and refinement. As outlined in the plan, the County has a substantial “infrastructure deficit” similar to other municipal governments across the Province. Future refinements to the plan, to meet Federal Gas Tax requirements, began in 2016. The plan is intended to provide a sound basis for financial planning and asset management/maintenance practices, including annual reporting. In June 2018, Staff presented to council a draft asset management plan for asset categories not included in the 2014 editions. This allowed us to meet our funding requirements under the Federal Gas Tax Funding program.

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 2020 Draft 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 2020 Draft 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**: A major component of sustainable asset management is determining: what we have; what it is worth; what condition it is in; and when it needs to be replaced. The County must continually update its inventory of capital assets on an annual basis 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 from category to category of assets (for example, the County undertakes regular bridge/structure condition reviews while other categories of assets have not had similar reviews). 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 (i.e. facilities/fleet reviews and master servicing studies for water and wastewater infrastructure). 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**: While inventorying and assessing the condition of existing infrastructure is integral to an asset management plan, the 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 draft budget submitted for Council's review.

An asset management plan is an ever evolving process and, each year, the County evaluates the funding sources and infrastructure needs against the established principles. Based on the current information available, 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 2020 Draft 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 2020 Draft 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.

## **2020 DRAFT 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, manage expectations, transparent and meet legislative compliance. The budget cycle is continuous and ever evolving, including the following steps: preparation, approval, monitoring and reporting. These principles are also embodied in the County’s budget guidelines. The 10 year Capital Forecast, for any organization, gives a better indication as to its corporate strategies and financial health than 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 has also committed itself to the operating costs of maintaining the facilities and/or infrastructure and, in most cases, to the costs of programs run out of those facilities.

As a result, the fundamental financial principles/objectives of the 2020 Draft Tax Supported Capital Budget and Forecast are as follows:

- A 1.0% increase in the tax levy to fund the capital requirements for the 2020 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 2020; 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 underlying 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.

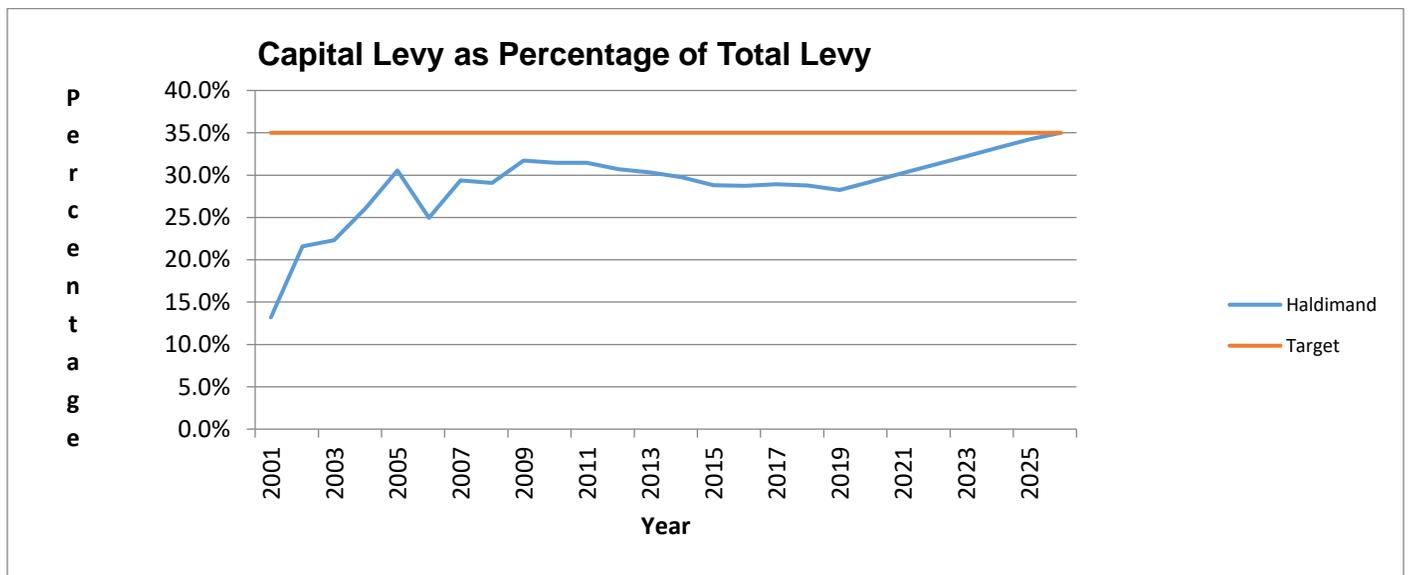
### Increase Capital Related Levy to Target of 35%

*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, one of the key financial indicators is Capital Expenditures as a % of Total Expenditures (Standard & Poor’s rates approximately 36 Canadian municipalities). 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. Although this is only an indicator, 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. Annual increases have been impacted in recent years due to the economic conditions and other fiscal constraints. Although the percentage increase has changed over the years (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 **29.23%** of the County’s base levy for 2020 will be capital related.

The following graph depicts the County’s historical and projected percentages over the 2001 to 2025 period based on the 2020 Draft 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 2026 (projections assume no change in total current annual levy requirements and constant dollars for the capital forecast). As depicted below, the annual capital levy in recent years, despite annual increases, is 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 year 2009 to 2019 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 2019 base levy.

**Focus on “Replacement”/State of Good Repair”**

*Description/Rationale for Guideline:* The 2020 Draft 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;

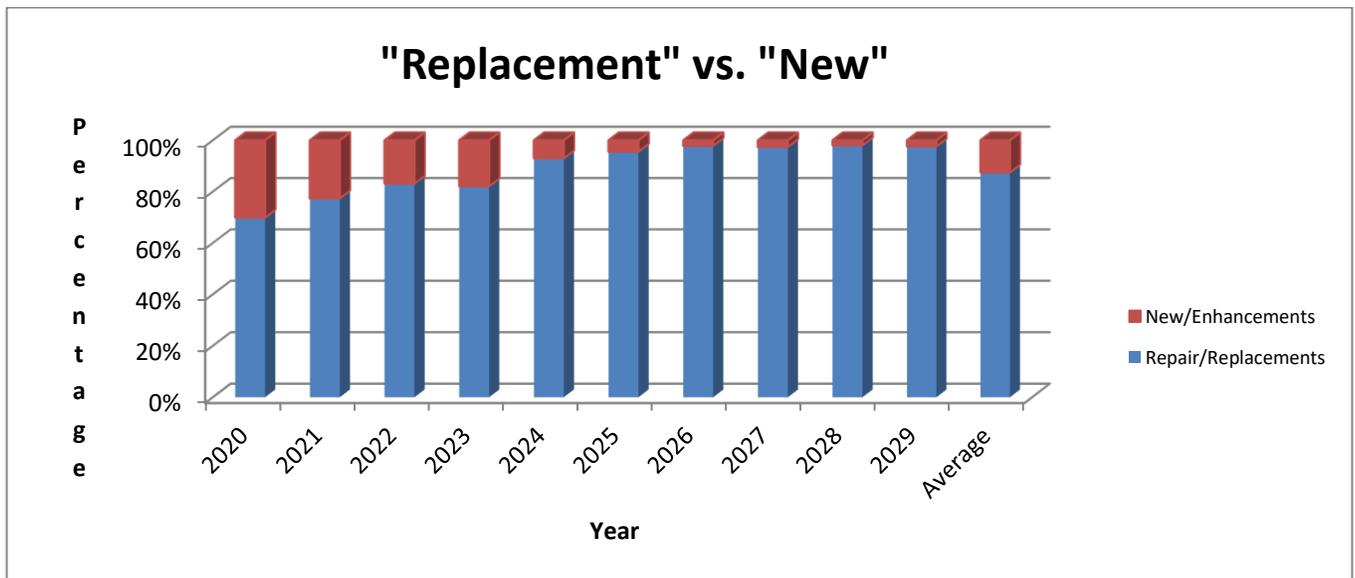
these would be included with the "SOG" unless the cost is significant in relation to the original replacement cost or can be separately identified from the replacement component.

**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". In a perfect world, 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. The reality is that 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, the 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 the relative 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 2020 capital budget represents a 70%/30% allocation (replacement to new/enhanced, excluding external funding and CVF funds). The average over the ten year forecasted period is 88%/12%. 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 a significant impact on the overall percentages on an annual basis. This initiative was expected to be complete by the end of 2028, however with the program being accelerated, 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 a capital budget allocation shifts to "replacements" in the final four years 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 (currently, not all asset categories had detailed asset information). 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 2020 Draft 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:

<u>Forecast Period (years)</u>	<u>2020 Draft Budget Average Annual Gross Expenditures</u>	<u>2019 Approved Budget Average Annual Gross Expenditures</u>
“Short Term ” - 2020 to 2022	<b>\$33.2 Million</b>	\$28.5 Million
“Mid-Term” - 2023 to 2025	<b>\$21.7 Million</b>	\$21.0 Million
“Long-Term” - 2026 to 2029	<b>\$20.4 Million</b>	\$18.9 Million
<b>10 year Average</b>	<b>\$24.6 Million</b>	\$22.4 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 estimate 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.

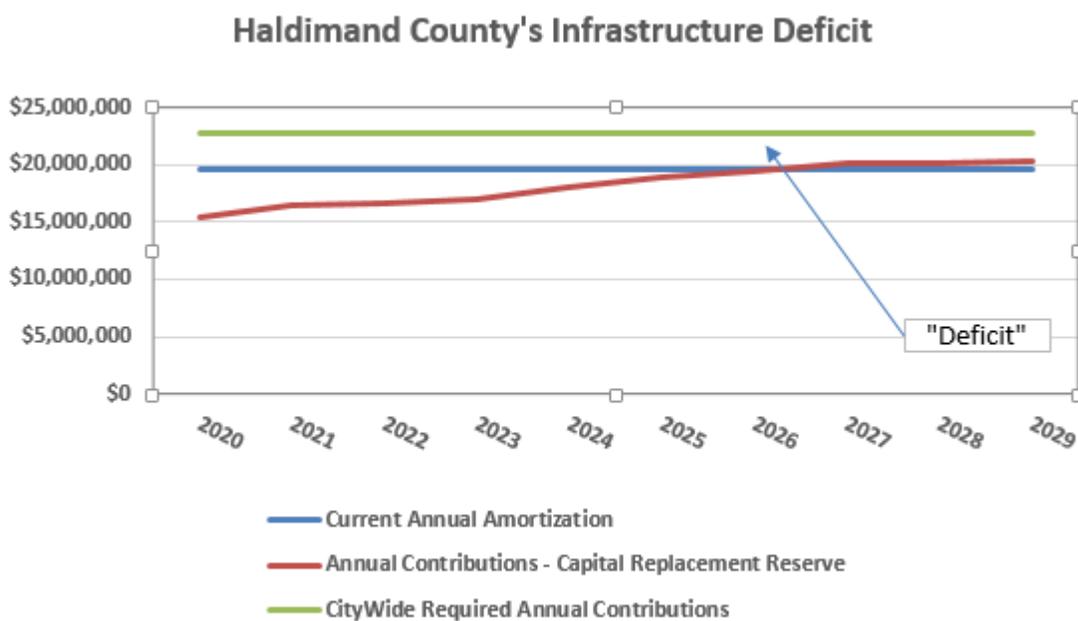
The County’s current capital asset inventory, as reported for audited financial statement purposes, reflects the historical value of the assets, less the accumulated amortization (i.e. value used/ utilized over its useful life to date). The resulting “Net Book Value” (NBV = historical cost less accumulated 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 the audited 2018 financial statements, the County’s net book value of assets (separated by tax supported and water/wastewater infrastructure) was as follows:

<u>2018 Net Book Value</u>	<u>Historical Cost</u>	<u>Net Book Value (NBV)</u>	<u>NBV as % of Cost</u>
Tax Supported Assets	\$662,507,878	\$325,843,727	49.0%
Water/Wastewater Assets	\$221,549,612	\$141,840,681	64.0%
<b>Total Assets</b>	<b>\$884,057,490</b>	<b>\$467,684,408</b>	<b>53.0%</b>

The County’s NBV as a percentage of historical cost has remained relatively consistent through 2009 to 2018, 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 2018 Asset Consumption Ratio (the extent to which depreciable assets have been consumed) at 48.3% for all asset categories, compared to the average of 41.9% 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. This plan identified significant annual funding shortfalls, particularly in the roads/bridges and water categories. In June 2018, Staff presented to council a draft asset management plan for asset categories not included in the 2014 editions. By utilizing the information from these AMP's, 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 \$18.5 million, lag behind both the annual amortization of \$19.7 million and the estimated annual required contributions of \$22.8 million. As a result, the average annual infrastructure "deficit" over the forecast period is approximately \$4.6 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 draft 2020 budget. As a result, the following depicts the actual/recommended increases in capital spending since 2011:

<u>Year</u>	<u>Projected Increase</u>	<u>Actual Increase</u>
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%	<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, there are anticipated funding shortfalls that 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 2020. Without this commitment, there will be insufficient funds to maintain the County’s assets in a “state of good repair”, as well as provide additional funds necessary 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 2020. 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 2026.

An analysis of the current projected Capital Replacement Reserves (see Appendix C of the budget document) 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 (not all reserves are strictly utilized for replacements – some reserves also fund new/enhanced infrastructure needs). Staff are concerned with a projected negative balance within the Capital Replacement Reserve – General, beginning in 2022, and a projected negative balance within the Capital Replacement Reserve – Roads Infrastructure in 2026. As well, there is a significant reduction in the overall balance of the capital reserves during the the first five 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 2020 it is expected to be in a **negative** position of **\$10.7 million** – these funds are being internally financed from Capital Replacement Reserves leaving an estimated net Capital related Reserves balance of \$12.9 million by the of 2020; 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. It must be acknowledged that asset life cycle information is being improved, 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**

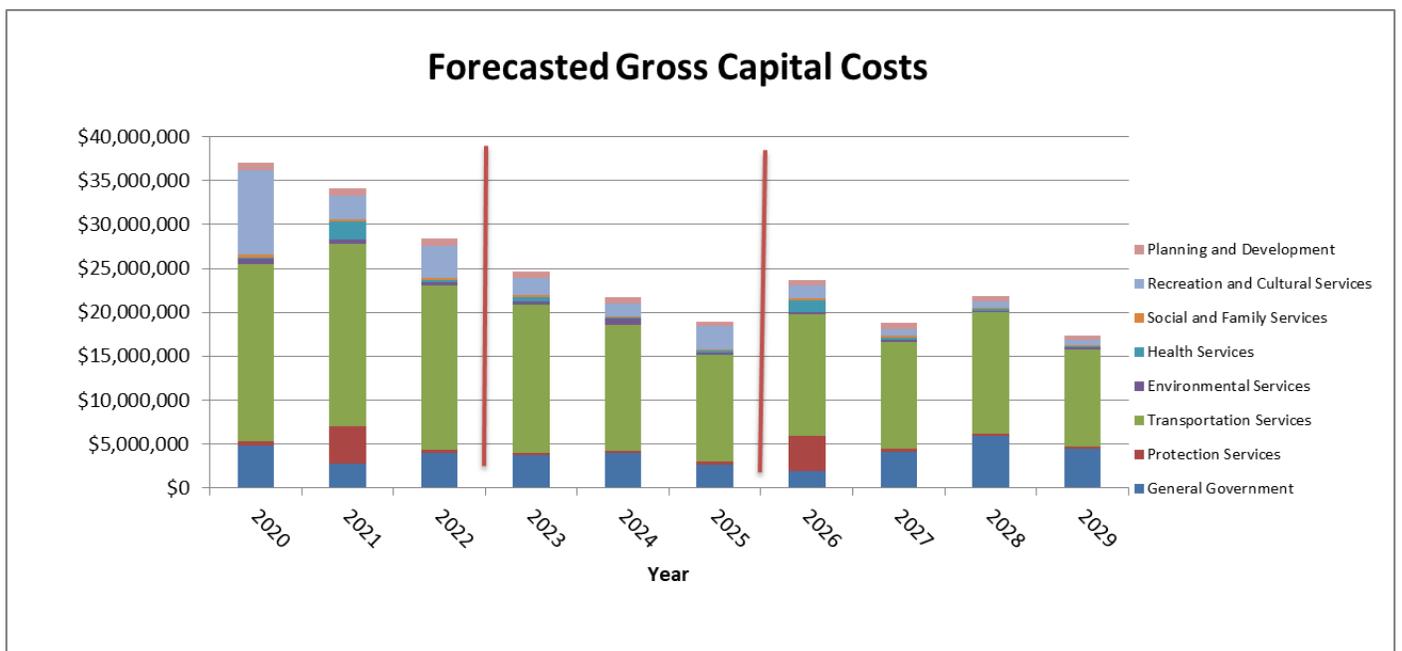
The Capital Budget process has evolved over the years to focus on strategic objectives and long term financial planning. The County’s Corporate Strategic Objectives (the “3 Pillars”) form an integral part of the development process of the Capital Budget and Forecast. In addition, a multi-year approach 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 2020 Draft Tax Supported Capital Budget and Forecast. While individual managers evaluated and rated their own projects based on the rating criteria, a cross-sectional peer review committee independently reviewed the individual ratings for consistent application across the organization. This process has ensured a fair application of the ratings as applied to each individual project submitted for consideration 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 evaluation criteria were utilized to determine the appropriate level of funds allocated to these projects for 2020. The same process was utilized to determine the level of new/enhanced projects that could be initiated in the current year.

The resulting 2020 Draft Tax Supported Capital Budget includes approximately \$37.1 million of infrastructure investment in 2020 with a total tax supported infrastructure investment of \$246.4 million over the 10 year period ending in 2029.

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). Although operationally the County is divided into departments (i.e. Corporate & Social Services, Financial & Data Services, Community & Development Services, Public Works Operations, and Engineering & Capital Works), these departments do not necessarily align with the FIR reporting requirements and do not always 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. The 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 2020 Draft 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). On an annual basis, transportation costs represent the bulk of the annual gross capital costs over the forecast period (ranging from 54% to 69% annually – averaging 63%). 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, 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), the timing of these replacements are fairly well predictable. As indicated by the chart above, the planned expenditures are fairly consistent over the forecast period (averaging \$15.4 million annually – albeit 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, and on-road trails) 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 2020 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 limited projects funded from Community Vibrancy Funds (CVF), which would typically increase the expenditures in those applicable years. Projects within the forecast include, creating parking spaces for Cheapside Community Centre, further work at the trail head of Cayuga Grand Vista, and Cayuga Village on the Green improvements.

Significant anomalies are as follows:

- General Government: renovations related to Health and Social Services administrative space in 2020 including the dental suite for \$944,000; planned replacement of computer servers in 2020 and 2025 totaling \$355,000 in each respective year; planned aerial truck replacement in 2022 for \$1.4 million, and \$2.1 million in both 2027 and 2029 for pumper trucks; plow trucks and grader fleet replacement in 2028 for \$2.7 million.
- Protection Services: replacement/expansion of Caledonia Fire station in 2021 for \$3.8 million; replacement of Dunnville Fire station in 2026 for \$3.7 million.
- Transportation Services: Emergency Storm Event of \$4.9 million included in 2020, Caledonia Arterial Road in 2021 of \$5.9 million; Argyle/Haddington Intersection improvements totaling \$1.1 million in 2020; the bulk of granular conversion to be completed in 2020-2023 (\$6.5, \$3.8, \$3.8, \$2.7 million respectively); Caledonia Argyle bridge replacement (Haldimand share) of \$1.4 million in 2023;
- Health Services: additional ambulance bay in Caledonia in 2021 totalling \$1.9 million; replacement ambulance depot in Dunnville in 2026 totalling \$1.4 million.
- Recreation and Cultural Services: Avalon Park development in 2020 for \$2.3 million; replacement of the library in Hagersville in 2020 for \$3.8 million; addition of River Road Cycling Lane in 2021 for \$570,000; replacement of the Cayuga and Hagersville Skate Park in 2022 for \$400,000 each; Dunnville Pool Changehouse replacement in 2022 for \$530,000; Port Maitland Breakwall Extension and Boat Launch Replacement in 2025 (\$290,000 and \$150,000 respectively); Hagersville Arena Parking Lot Resurfacing in 2025 for \$500,000.
- Planning and Development: Business Park Development Plan \$196,400 in 2020, and an Archaeological Master Plan \$150,000 in 2022.

Included in Appendix F are the anticipated annual operating impacts of the 2020 Tax Supported Capital Budget new initiatives. In aggregate, it is anticipated that there is a total net annual operating impact of \$20,970 or a 0.03% 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 April 22, 2020.

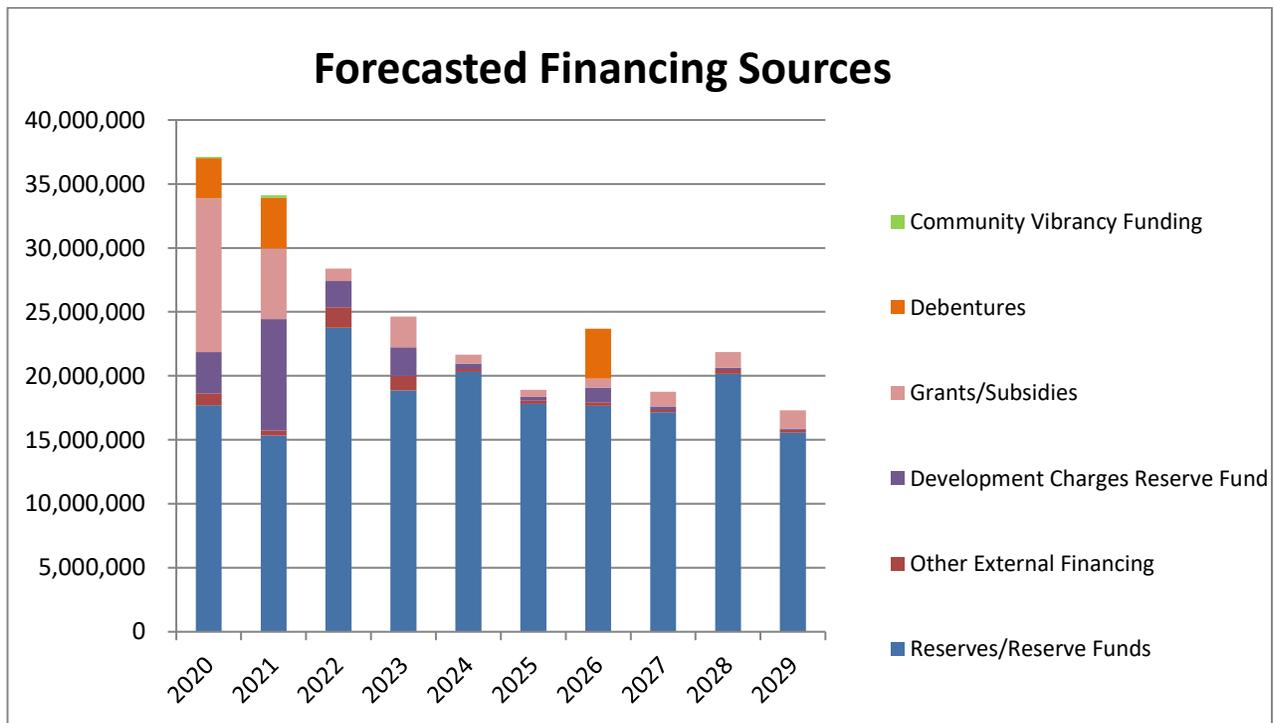
### **Financing Sources**

The County has certain financing sources to draw upon to provide for the capital costs associated with the 2020 Draft 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 2.2% 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 \$26.7 million (or 10.8% 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 \$22.1 million (9%) over the forecast period. The tax supported allocation of Federal Gas Tax funding, totals \$15.0 million and is applied entirely to the gravel road conversion program and resurfacing of low volume rural roads (many of which were previously converted from gravel roads); the split is \$8.2 million and \$6.8 million respectively. The OCIF funding, totalling \$7.1 million based on approved contributions up to 2021, is required to be utilized within 5 years of receipt, although it has historically been the County’s approach to utilize grant funding in the year in which it is received.

The budget also includes anticipated provincial funding of approximately \$4.2 million from the Municipal Disaster Recovery Assistance (MDRA) program in response to the 2019 storm event. As per report CAO-01-2020 Storm Event Update, the County estimates storm damage to cost \$4.9 million with the balance of \$646,000 to be funded by the County through the Road Infrastructure reserve. Completion of these works is contingent on receipt of the Provincial funding. Without this funding, staff will need to review the overall roads program scope, costs and timing.

<b>Provincial and Municipal Cost-sharing Scenario</b>			
<b>Eligible Municipal Costs</b>	<b>Estimated Storm Damage</b>	<b>Maximum Provincial Funding</b>	<b>Municipal Funding</b>
Eligible costs up to 3% of Taxation levy	\$2,016,232	\$1,512,174 (75%)	\$504,058 (25%)
Eligible costs exceeding 3%	\$2,846,768	\$2,704,430 (95%)	\$142,338 (5%)
<b>Total</b>	<b>\$4,863,000</b>	<b>\$4,216,604 (87%)</b>	<b>\$646,396 (13%)</b>

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 \$2.8 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 2020 Draft Tax Supported Capital Budget and Forecast (it should be noted that our 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. This new Ontario Community Infrastructure Fund (OCIF) requires no application on behalf of the County, as it is a formula based grant program. 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 summer of 2016, OMAFRA announced revisions to the existing OCIF program. As a result of the eligibility/criteria revisions made the Province, the County’s OCIF formula based grant increased from approximately \$688,300 in 2016 to \$1,208,000 in 2017, with even greater amounts for 2018 and 2019 totaling \$1.7 million and \$2.6 million, respectively. With this OCIF program, the annual Provincial commitment to municipalities had increased from approximately \$50 million per year in 2016 (as seen with the previous agreement) to \$95 million in 2017, \$130 million in 2018 and \$200 million per year in 2019 and thereafter. 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) . 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 project are identified in the 2020 Draft Tax Supported Capital Budget for use of these funds. Previously, it was staff’s understanding that this Provincial infrastructure grant was intended to be a permanent source of funding for small municipalities, but as the current agreement includes amounts to 2021, staff have not utilized this grant funding beyond 2021. The Province has indicated that this program is under review, and as we have not received confirmation from the Province for amounts beyond 2020, staff are concerned that the elimination of this key funding component will result in further review of our financing strategy, potential timing, and scope of work for all program areas.

*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 been unsuccessful 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 \$48.4 million. This debt, issued from 2007 to 2019, includes the recent debt for the Central Administration Facility, the Cayuga Library, and conversion of the CNR Bridge, in addition to prior debentures issued for 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 2020 or beyond. These existing debt requirements total approximately \$11.0 million and includes the proposed new projects to be initiated during 2020 to 2029 and debt financed are: replacement of Hagersville library in 2020 (\$3.1 million debt to be issued); Caledonia Firehall/Ambulance station in 2021 (\$4.0 million combined debt to be debt issued), and debt financing for the Dunnville Fire Station Replacement and EMS Base in 2026 with the County debt requirement totaling \$3.9 million (\$2.6 million and \$1.3 million respectively).

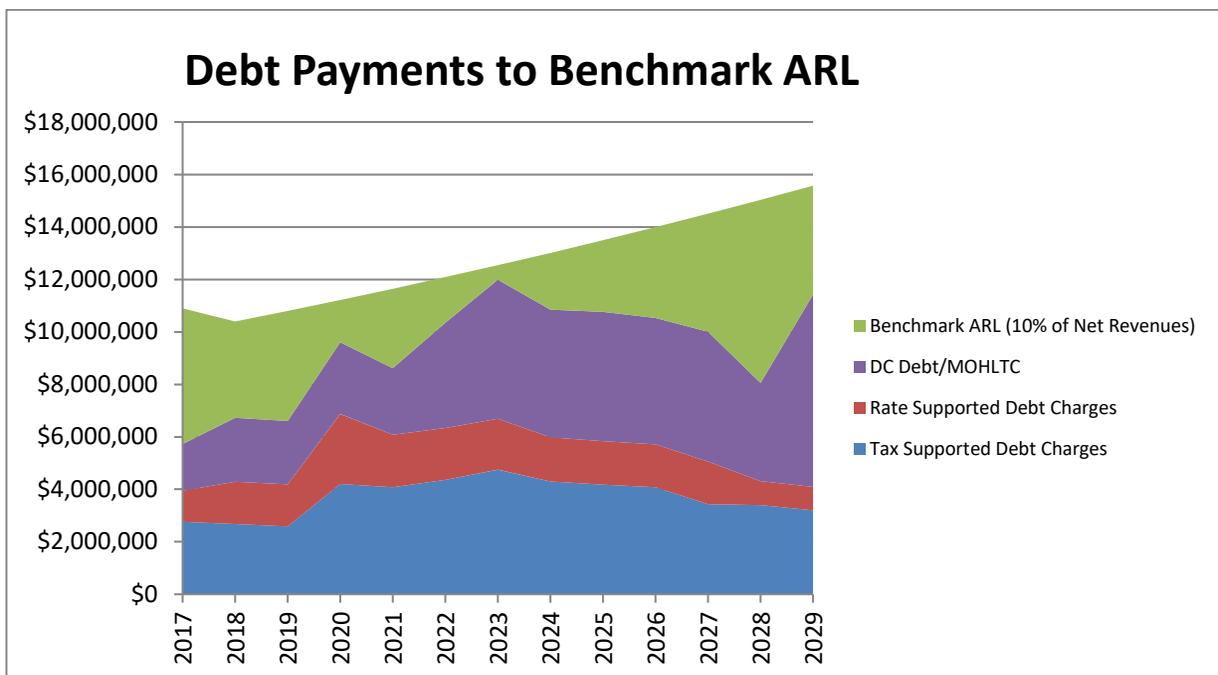
*Development Charge ("DC Debt"):* As outlined below, under impacts on Development Charges, it is anticipated that new debt to be recovered from future Development Charges will need to be issued over the forecast period to offset negative cash flows due to the timing of Development Charges receipts (i.e. commonly referred to as "DC or growth related debt"). These projects include DC debt financing totaling approximately \$535,000 for Dunnville Alder Street storm system replacement. Anticipated debt payments for additional DC debt (i.e. for new projects beyond 2020) include \$5.9 million for the Caledonia Arterial Road, \$1.3 million for the Caledonia Argyle Street bridge replacement, \$866,000 for the Caledonia Replacement Fire Station, \$520,000 for the Caledonia EMS base, and \$488,000 for the Hagersville library replacement. 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 2020 in excess of \$18.4 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 \$11.0 million in new tax supported debt and \$9.6 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 \$12.0 million (including both tax, rate supported and DC debt payments) at any point during the forecast period (ranging from \$6.6 million in 2019 to \$12.0 million in 2023).



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 2020 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 75% over the 10 years, ranging from 45% to 94% per year).

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 2020 (includes debt charges and contributions to reserves) amounts to approximately \$672,000. For 2020, there is a reduction in contributions to reserve funds caused by an increase in debt payments of \$1.6 million in 2020, which includes the new debt issued for the Administration Building, and Cayuga Library. 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 2020 Draft 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 \$54,900 in 2020 (see Summary 2) related to the future replacement of the proposed 2020 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

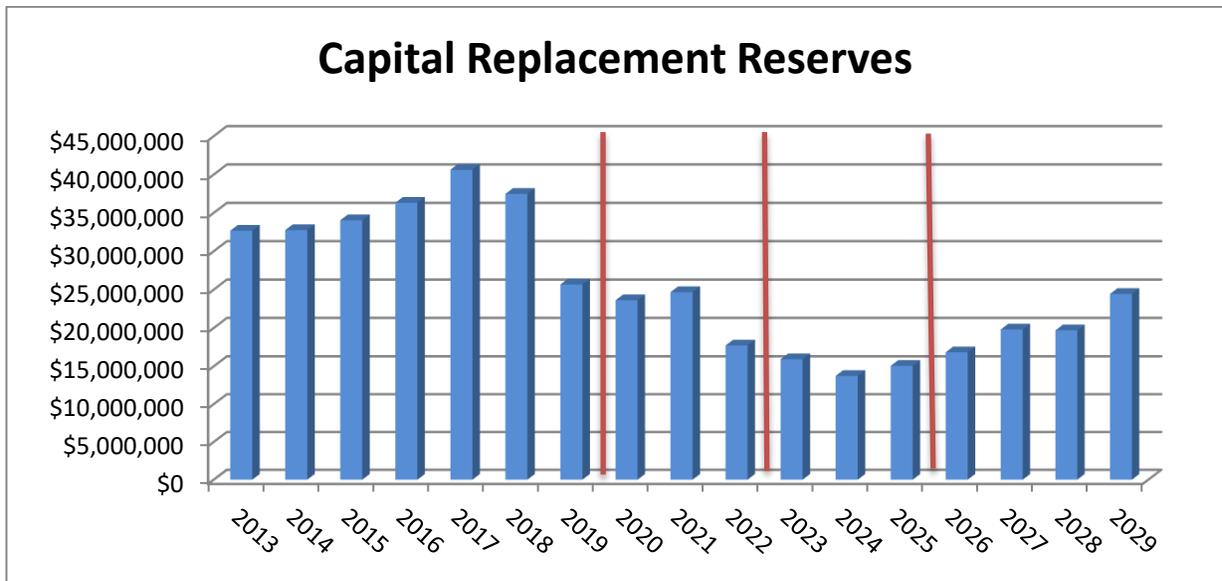
cannot keep pace with future needs. This shortfall was identified in the 2015 Tax Supported Capital Budget and Forecast. During 2015, comprehensive building condition assessments were conducted to identify the future capital needs. Based on these assessments, additional funding was required over the forecasted period. 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 \$370,000 for 2020 above the \$75,000 annual base. This additional contribution can then be reduced over the 10 year forecast as the projected future contributions will match anticipated annual costs/needs.

- Increased contributions to CRR – General: As a result of committed project expenditures, the projected 2019 ending balance for this reserve was approximately \$2.0 million, a decrease of approximately \$4.6 million over the ending balance for 2018. Further to this, a sustained increase in major projects over the forecast period of approximately \$8.4 million has resulted in the balance of this reserve falling to a low of approximately (\$5.4) million in 2025. In order to compensate for these factors, staff are recommending the following funding changes:
  - Continue the additional annual contribution of \$150,000 added in 2019
  - Redirect \$50,000 annually from Storm Sewer Reserve for the 10 year period
  - Redirect \$120,000 from 2020 and 2021 additional funds earmarked for the Library Reserve as no longer required
  - Redirect \$90,000 from 2020 additional funds earmarked for Community Halls Reserve
  - Consolidate the Waste Management Reserve into the General Reserve - a total of \$1.9 million at the end of 2029
  - Fund the 2019 Caledonia Fire Station land purchase from Land Sales Reserve. A saving of \$1.4 million in CRR-General.

The above changes provides an additional \$5.8 million funding over the 10 year period and improves 2025 balance by \$3.1 million, and projects a 2029 balance of \$2.5 million.

- Inflationary increase to all annual contributions: Given future costs included in the forecast are budgeted based on current costs, if it is difficult to accurately predict future costs given market and commodity price changes over time. As identified in Summary 2 on page S2-1, 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. Based on current estimated inflation, a 2% increase has been added to annual capital replacement reserve contributions, totaling a net amount of \$310,000.
- CRR-Roads Infrastructure: As outlined in the County's current asset management plan, there is an estimated infrastructure deficit in the roads and bridges category. In addition, in the absence of additional contributions, there would be a significant reduction in the CRR-Roads Infrastructure Reserve if the projected expenditures materialized. Over the past years, new road related programs have been identified and have been funded from this reserve, including; additional urban and rural streetscaping programs, on-road trails/pathways, and replacement of recently converted gravel roads. These new programs have significantly increased the funding requirements from this reserve. As well, an accelerated Gravel Road Conversion program has put additional pressure on this reserve. Given the magnitude of planned work in these areas, it is recommended that all remaining additional contributions, after implementation of the above recommendations, be allocated to this reserve. However, the reserve funding shortfall occurring in 2020 and 2021 will be allocated to the Roads Infrastructure for these years as the reserve balance is healthy enough to accommodate the shortfall in the short-term. In the longer term we are now seeing pressures on this reserve due to the acceleration of programs. If further OCIF funding is not confirmed beyond 2021, we may need to revisit our financing strategy, potential timing, and scope for all program areas, not just roads infrastructure.

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 2019, and further reductions result in a low of \$13.7 million in 2024, much lower relative to historical levels, as major infrastructure replacements are planned. In addition, there are replacement capital projects not fully reflected in the later part of the forecast (primarily fire and land ambulance facilities, parks and recreational facilities, museums and Grandview Lodge) 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 2020 totaling \$10.7 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 \$15.4 at the end of 2020 (excluding the Hydro Legacy Fund and Growing Communities Reserve Fund); compared to a net reserve balance of \$21.2 million at the end of 2019, a reduction of \$5.8 million over a 1 year period.

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 2020). 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 \$18.7 million (7.6%). 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 (\$10.0 million) which includes the Caledonia Arterial road totaling \$5.9 million; replacement of Caledonia and Dunnville Firehalls totaling \$2.2 million; Arial Fire Vehicle for \$1.4 million; Caledonia EMS base totaling \$533,000, Cemetery development totaling \$392,000, Recreational Services totaling \$3.3 million which includes Avalon park development \$2.1 million and Hagersville library for \$488,000); and planning and development services totaling \$348,000 (mostly studies and implementation of Dunnville Secondary Plan implementation \$135,000).

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 2020 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 2020 (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 2020 Draft 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 2020, 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 2020 Draft Tax Supported Capital Budget and Forecast to 2029 and the financing sources recommended therein. This will approve the specific capital projects outlined in 2020 and endorse, in principle, the projects from 2021 to 2029. 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.

**Prepared by:** Charmaine Corlis, Treasurer

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

**HALDIMAND COUNTY**  
**2020 - 2029 RATE SUPPORTED CAPITAL FORECAST**  
**PROJECT CHANGES OVER \$100,000**

	Stage of Good Repair, New / Enhanced	Explanation	Change Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
<b>General Government</b>														
<b>Administration Facilities</b>														
174013 - DMPB - Repair Parking Lot	SOGR	New project added to remove existing asphalt, regrade and repave existing parking lot and sidewalks.	Project Added	-	190,000	-	-	-	-	-	-	-	-	190,000
171010 - Renovation for H&SS Space	New/Enhanced	Project was not initiated in 2019 - Re-identifying in 2020.	Project Added	621,300	-	-	-	-	-	-	-	-	-	621,300
171011 - Haldimand County Administration Building (HCAB) - General Capital Repair	New/Enhanced	Increased to reflect 0.5% of building costs.	Scope Increase	-	-	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	400,000
171016 - Operatory and Dental Suite - Dunnville Office	New/Enhanced	New project, fully funded by MOH, to support capital and infrastructure improvements for the Ontario Seniors Dental Care Program (OSDCP).	Project Added	323,000	-	-	-	-	-	-	-	-	-	323,000
171013 - HCAB - Security System Replacement	SOGR	Security access controls & IP camera replacement. Budget added for regular scheduled replacement.	Project Added	-	-	-	-	-	100,000	-	-	-	-	100,000
<b>Total Administration Facilities</b>				<b>944,300</b>	<b>190,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>150,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>1,634,300</b>
<b>Fleet &amp; Equipment Pool</b>														
Various Fleet replacement projects	SOGR	2020 is removed from the 10 Year project and added as a current project if required, 2029 Enters the 10 Year Forecast. Increase in Capital costs for various classes, due to recent quotes. Various shifts in timing a result of condition review	Various	(804,550)	(14,450)	516,000	149,000	221,000	(62,000)	247,000	547,000	45,000	3,475,000	4,319,000
315098 - Fuel Depot Repairs	SOGR	Tanks and dispensing equipment require replacement, as well as replacement/repair to bollards, electrical and concrete pads, to ensure fuel availability.	Project Added	100,000	-	-	-	-	-	-	-	-	-	100,000
318003 - Kohler Facility - Roof, Storage Addition, Office & Shop Renovation	New/Enhanced	Combined with roof project (317002), and shifted to have engineering in 2020, and construction in 2021. Updated cost estimates have increased the addition/renovation component.	Scope Increase / Project Shift	(300,000)	602,300	-	-	-	-	-	-	-	-	302,300
<b>Total Fleet &amp; Equipment Pool</b>				<b>(1,004,550)</b>	<b>587,850</b>	<b>516,000</b>	<b>149,000</b>	<b>221,000</b>	<b>(62,000)</b>	<b>247,000</b>	<b>547,000</b>	<b>45,000</b>	<b>3,475,000</b>	<b>4,721,300</b>
<b>Program Support</b>														
136007 - Cell Phone/Smartphone Upgrade/Replacement	SOGR	Increased number of mobile phones (as approved in 2019). Increase from 168 to 217; due to breakages / additional parts like chargers, have added \$5,000 to non-replacement years.	Scope Increase	17,200	5,000	17,200	5,000	17,200	5,000	17,200	5,000	17,200	5,000	111,000
136016 - Portable 2-in-1s	SOGR	2-in-1 computers - change in number of units and timing due to approved portable technology initiative. Fast tracked units from 2020 to 2019 to accommodate the Central Administration Building. Balancing out for future years' replacements.	Scope Increase / Project Shift	37,700	(31,900)	(2,900)	8,700	185,600	(40,600)	(34,800)	-	23,200	243,600	388,600
136028 - Desktop Software	SOGR	Increase of number of licences required from 400 to 425 due to number of increased computers - for productivity software upgrade - delayed by 1 year to be in-line with MS Exchange upgrade.	Scope Increase / Project Shift	(124,000)	131,750	-	-	-	-	-	(124,000)	131,750	-	15,500
<b>Total Program Support</b>				<b>(69,100)</b>	<b>104,850</b>	<b>14,300</b>	<b>13,700</b>	<b>202,800</b>	<b>(35,600)</b>	<b>(17,600)</b>	<b>(119,000)</b>	<b>172,150</b>	<b>248,600</b>	<b>515,100</b>
<b>Total General Government</b>				<b>(129,350)</b>	<b>882,700</b>	<b>580,300</b>	<b>212,700</b>	<b>473,800</b>	<b>52,400</b>	<b>279,400</b>	<b>478,000</b>	<b>267,150</b>	<b>3,773,600</b>	<b>6,870,700</b>
<b>Protection Services</b>														
<b>Fire</b>														
222001 - Caledonia Fire Station Replacement	SOGR	Increased price per sq. ft. for station build, based on year-over-year change to Construction Cost Index. Station \$2,856,000. Communication Tower \$250,000	Scope Increase	-	377,300	-	-	-	-	-	-	-	-	377,300
226007 - Dunnville Fire Station Replacement	SOGR	Increased price per sq. ft. based on year-over-year change to Construction Cost Index, for station build.	Scope Increase	-	-	-	-	-	-	401,200	-	-	-	401,200
<b>Total Fire</b>				<b>-</b>	<b>377,300</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>401,200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>778,500</b>
<b>Total Protection Services</b>				<b>\$ -</b>	<b>\$ 377,300</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 401,200</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 778,500</b>
<b>Transportation Services</b>														
<b>Gravel Road Conversion Program</b>														
Various projects throughout Haldimand County	New/Enhanced	To reflect current budget allocations and pricing; and completion of program by the end of 2025.	Various	3,332,700	829,600	654,800	406,780	(874,400)	(1,385,800)	(2,100,600)	(1,147,800)	(279,700)	-	(564,420)
381092 - Project Manager, Gravel Road Conversion Program	New/Enhanced	There is a need for an additional Project Manager to manage the granular conversion program and ensure it is completed by the Council directed completion date of 2025.	Project Added	121,390	111,990	111,990	111,990	-	-	-	-	-	-	457,360
<b>Total Gravel Road Conversion Program</b>				<b>3,454,090</b>	<b>941,590</b>	<b>766,790</b>	<b>518,770</b>	<b>(874,400)</b>	<b>(1,385,800)</b>	<b>(2,100,600)</b>	<b>(1,147,800)</b>	<b>(279,700)</b>	<b>-</b>	<b>(107,060)</b>
<b>Hot Mix Resurfacing</b>														
373051 - Argyle Haddington Road Reconstruction - Signalization	New/Enhanced	New project added for Phase 2 of the Argyle St/Haddington St reconstruction.	Project Added	1,100,000	-	-	-	-	-	-	-	-	-	1,100,000

**HALDIMAND COUNTY**  
**2020 - 2029 RATE SUPPORTED CAPITAL FORECAST**  
**PROJECT CHANGES OVER \$100,000**

	Stage of Good Repair, New / Enhanced	Explanation	Change Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
<b>Total Hot Mix Resurfacing</b>				<b>1,100,000</b>	-	-	-	-	-	-	-	-	-	<b>1,100,000</b>
<b>Municipal Drains Construction</b>														
379005 - Middaugh Drain Phase 1 - Construction (16)	New/Enhanced	Project is pending completion of engineers report.	Project Shift	-	(157,700)	157,700	-	-	-	-	-	-	-	-
379010 - Middaugh Drain Phase 2 - Construction	New/Enhanced	Project is pending completion of engineers report.	Project Shift	-	-	(101,800)	101,800	-	-	-	-	-	-	-
<b>Total Municipal Drains Construction</b>				-	<b>(157,700)</b>	<b>55,900</b>	<b>101,800</b>	-	-	-	-	-	-	-
<b>Other Roadwork</b>														
331002 - Hot Mix Padding	SOGR	Reduced and reallocated to new Crack Sealing project (331002).	Scope Decrease	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	(250,000)
331004 - Crack Sealing	SOGR	Previously incorporated into 331002 - Hot Mix Padding, now identified as it's own program. Budget increased based on current cost estimates.	Project Added	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	750,000
375021 - Storm Event Repairs	SOGR	Estimated repairs required as a result of the October 31, 2019 Storm Event. Application being made to the Municipal Disaster Recovery Assistance Program. Further details available in report CAO-01-2020.	Project Added	4,863,000	-	-	-	-	-	-	-	-	-	4,863,000
377003 - Preliminary Engineering Investigations	SOGR	Increase to reflect current cost estimates.	Scope Increase	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
377010 - Annual Traffic Count Study	SOGR	Previously incorporated into the operating budget, moved to the capital for 2020 and identified as an annual program.	Project Added	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
377011 - Roadside Safety Audit	SOGR	New project added to conduct a comprehensive review of the county's rural road network to identify, review and provide recommended remediation with respect to roadside safety.	Project Added	-	-	-	-	-	300,000	-	-	-	-	300,000
377012 - LEIP - Master Servicing Plan Update [W][WW][S]	New/Enhanced	New project to establish a MSP for development of LEIP.	Project Added	-	50,000	-	-	-	-	-	50,000	-	-	100,000
<b>Total Other Roadwork</b>				<b>4,948,000</b>	<b>135,000</b>	<b>85,000</b>	<b>85,000</b>	<b>85,000</b>	<b>385,000</b>	<b>85,000</b>	<b>135,000</b>	<b>85,000</b>	<b>85,000</b>	<b>6,113,000</b>
<b>Road Reconstruction</b>														
372008 - Cay - Ouse St S - Talbot to Tuscarora [CIW]	SOGR	Increase to reflect current cost estimates.	Scope Increase	120,000	-	-	-	-	-	-	-	-	-	120,000
372015 - Cal - Park Lane - Inverness to end [CIW]	SOGR	Increase to reflect current cost estimates.	Scope Increase	-	120,000	-	-	-	-	-	-	-	-	120,000
372016 - Cal - Queen Ave - Caithness to end [CIW]	SOGR	Increase to reflect current cost estimates.	Scope Increase	-	120,000	-	-	-	-	-	-	-	-	120,000
372021 - Hag - Victoria St - Tuscarora to Main St N [CIW]	SOGR	Increase to reflect current cost estimates.	Scope Increase	-	-	-	120,000	-	-	-	-	-	-	120,000
372027 - Cay - Mohawk St E - Winniet East to End [W]	SOGR	Project added for the reconstruction of the road.	Project Added	-	-	150,000	-	-	-	-	-	-	-	150,000
<b>Total Road Reconstruction</b>				<b>120,000</b>	<b>240,000</b>	<b>150,000</b>	<b>120,000</b>	-	-	-	-	-	-	<b>630,000</b>
<b>Roads Facilities</b>														
322003 - Operations Buildings-Repairs/Renovations	SOGR	Per GM and MGR of Roads, decision to increase the Annual amount to \$40,000 (\$10,000 for each Operations Yard), based on condition.	Scope Increase	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
322015 - Walpole Yard - Roof Deck - Main Bldg, Office, Garage	SOGR	Current Roof is near the end of its expected useful life.	Project Added	-	-	129,900	-	-	-	-	-	-	-	129,900
322017 - Dunnville Roads Yard - Sloped Roof Deck - Main Building Garage	SOGR	Replacement of the roof as the existing roof is nearing the end of it's useful life.	Project Added	-	-	-	-	-	-	-	-	303,400	-	303,400
<b>Total Roads Facilities</b>				<b>15,000</b>	<b>15,000</b>	<b>144,900</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>318,400</b>	<b>15,000</b>	<b>583,300</b>
<b>Structure Projects</b>														
Various projects throughout Haldimand County	SOGR	Projects re-prioritized due to OSIM investigations. Increase to reflect current cost estimates and detailed design.	Scope Increase / Project Shift	(1,275,000)	1,340,000	262,000	189,000	847,000	520,000	245,000	(360,000)	(982,000)	2,210,000	2,996,000
Various projects throughout Haldimand County	SOGR	Projects re-prioritized due to OSIM investigations.	Project Shift / Project Added	(321,000)	(204,000)	-	-	-	(255,000)	408,000	576,000	1,361,000	-	1,565,000
Various projects throughout Haldimand County	SOGR	Projects increased to reflect current cost estimates and detailed design.	Scope Increase	-	-	205,000	437,000	-	400,000	-	200,000	200,000	-	1,442,000
374025 - Townline Bridge Repairs (D00005)	SOGR	Project accelerated due to unplanned bridge closure. Increased cost due to scope change to include replacement of the bridge.	Scope Increase / Project Shift	-	-	1,700,000	-	-	-	(308,000)	-	-	-	1,392,000
374037 - Cal-Argyle St Bridge Replacement (MTO)	New/Enhanced	Project shift based on current MTO schedule.	Project Shift	-	-	(1,368,500)	1,368,500	-	-	-	-	-	-	-
374001 - Annual Bridge Engineering	SOGR	Increase to reflect current cost estimates.	Scope Increase	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
<b>Total Structure Projects</b>				<b>(1,546,000)</b>	<b>1,186,000</b>	<b>848,500</b>	<b>2,044,500</b>	<b>897,000</b>	<b>715,000</b>	<b>395,000</b>	<b>466,000</b>	<b>629,000</b>	<b>2,260,000</b>	<b>7,895,000</b>
<b>Surface Treatment Program</b>														
Various projects throughout Haldimand County	SOGR	Projects shifted, added, or removed based on re-prioritization due to roads needs study.	Project Shift / Project Added / Project Removed	-	(120,000)	420,000	(300,000)	1,170,000	1,330,000	1,600,000	1,430,000	1,550,000	-	7,080,000
Various projects throughout Haldimand County	SOGR	Projects shifted based on re-prioritization due to roads needs study and budget increased to reflect current cost estimates and detailed design.	Scope Increase / Project Shift	120,000	500,000	50,000	500,000	-	-	-	-	-	-	1,170,000
383038 - Hald Dunn Twl - Rainham Rd to Hald Rd 20	SOGR	Project deleted, project was accelerated and tendered in 2019.	Project Removed	-	-	(150,000)	-	-	-	-	-	-	-	(150,000)
<b>Total Surface Treatment Program</b>				<b>120,000</b>	<b>380,000</b>	<b>320,000</b>	<b>200,000</b>	<b>1,170,000</b>	<b>1,330,000</b>	<b>1,600,000</b>	<b>1,430,000</b>	<b>1,550,000</b>	-	<b>8,100,000</b>
<b>Urban Paving Programs</b>														
Various projects throughout Haldimand County	SOGR	Projects updated to reflect current cost estimates and detailed design, as well as re-prioritization due to roads needs study.	Various	(371,900)	(980,000)	(267,200)	611,430	1,054,980	(1,857,070)	1,800,440	118,410	62,950	887,500	1,059,540
<b>Total Urban Paving Programs</b>				<b>(371,900)</b>	<b>(980,000)</b>	<b>(267,200)</b>	<b>611,430</b>	<b>1,054,980</b>	<b>(1,857,070)</b>	<b>1,800,440</b>	<b>118,410</b>	<b>62,950</b>	<b>887,500</b>	<b>1,059,540</b>

**HALDIMAND COUNTY**  
**2020 - 2029 RATE SUPPORTED CAPITAL FORECAST**  
**PROJECT CHANGES OVER \$100,000**

	Stage of Good Repair, New / Enhanced	Explanation	Change Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
<b>Total Transportation Services</b>				\$ 7,839,190	\$ 1,759,890	\$ 2,103,890	\$ 3,696,500	\$ 2,347,580	\$ (797,870)	\$ 1,794,840	\$ 1,016,610	\$ 2,365,650	\$ 3,247,500	\$ 25,373,780
<b>Environmental Services</b>														
<b>Tom Howe Perpetual Care</b>														
428020 - Flare Upgrade	SOGR	In the near future, the flare and other associated equipment may be oversized for the gas flows recovered from the site and notable changes in operations will occur. Staff have encountered additional maintenance activities with respect to the existing flare system as well.	Project Added	\$ -	\$ 285,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 285,000
<b>Total Tom Howe Perpetual Care</b>				\$ -	\$ 285,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 285,000
<b>Urban Storm Sewer System</b>														
495018 - Cay - Seneca St S - Tuscarora to McKay [W] [R]	SOGR	Replacement of storm sewer to divert existing flows onto County right of way.	Project Added	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
495019 - Storm Sewer Jarvis – Walpole Drive, Monson to Talbot [R]	SOGR	Project re-identified to 2024 to align with 495019 Jarvis Storm Sewer work.	Project Added	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
495020 - Storm Sewer Improvement- Mines Road, Hwy 54 to 300 m North	New/Enhanced	New project added for replacement of existing storm sewer culverts and associated roadworks to improve drainage at the corner of Mines Road and Hwy 54.	Project Added	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
<b>Total Urban Storm Sewer System</b>				\$ 350,000	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000
<b>Total Environmental Services</b>				\$ 350,000	\$ 285,000	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,035,000
<b>Health Services</b>														
<b>Cemeteries</b>														
566003 - DUNN - Lowbanks Cemetery	SOGR	Reduced to regular maintenance, pending further review.	Scope Decrease	-	(498,000)	-	-	-	-	-	-	-	-	(498,000)
<b>Total Cemeteries</b>				-	(498,000)	-	-	-	-	-	-	-	-	(498,000)
<b>Paramedic Services</b>														
542001 - Caledonia Paramedic Services Base	New/Enhanced	Increased price per sq. ft. based on year-over-year increase in Construction Cost Index.	Scope Increase	-	200,100	-	-	-	-	-	-	-	-	200,100
546002 - Dunnville Paramedic Services Base	SOGR	Increased price per sq. ft. based on year-over-year increase in Construction Cost Index.	Scope Increase	-	-	-	-	-	-	141,600	-	-	-	141,600
<b>Total Paramedic Services</b>				-	200,100	-	-	-	-	141,600	-	-	-	341,700
<b>Total Health Services</b>				\$ -	\$ (297,900)	\$ -	\$ -	\$ -	\$ -	\$ 141,600	\$ -	\$ -	\$ -	\$ (156,300)
<b>Recreation &amp; Cultural Services</b>														
<b>Arenas</b>														
741002 - ARENA ADMIN - IP Security Camera Replc.	SOGR	Scope change to allow for long-term efficiency, and better overall management of program. Plan to better align systems at all facilities.	Scope Change	(130,000)	50,000	50,000	50,000	(100,000)	(100,000)	50,000	50,000	50,000	50,000	20,000
743008 - HAG - Arena Evaporator/Condensor Replc.	SOGR	Increase budget based on vendor quotes.	Scope Increase	110,000	-	-	-	-	-	-	-	-	-	110,000
744002 - HCCC - Arena Skate Tile Replacement	SOGR	2019 budget re-identified, to combine both rinks, and full budget shifted to 2022.	Project Shift	(305,500)	-	305,500	-	-	-	-	-	-	-	-
744031 - HCCC - HVAC & Humidification System	New/Enhanced	Staff conducted an assessment of the facility in 2019. The assessment identified key issues related to outdoor air intrusion, rink zone air distribution, dressing room dehumidification, and control system automation issues. Staff are proposing to proceed with detailed design and installation of automation controls and upgrades to mitigate the key issues identified above and to enhance the indoor air quality for the rink zone and the dressing rooms.	Project Added	300,000	-	-	-	-	-	-	-	-	-	300,000
<b>Total Arenas</b>				(25,500)	50,000	355,500	50,000	(100,000)	(100,000)	50,000	50,000	50,000	50,000	430,000
<b>Community Halls Partnership Program</b>														
750007 - Hald Agri CC -Cistern Repl/Fndtn Repr	SOGR	Project initiated with minor costs in 2019. Project closed in 2019 and re-identified in 2020 due to increased construction costs.	Project Added	100,000.00	-	-	-	-	-	-	-	-	-	100,000.00
750042 - Cayuga Kins. CC - Parking Lot Repl.	SOGR	Increase to reflect scope of work, expected outcomes, and current pricing estimates. Subsequently shifted.	Scope Increase / Project Shift	(210,000.00)	-	-	-	-	-	260,000.00	-	-	-	50,000.00
<b>Total Community Halls Partnership Program</b>				(110,000.00)	-	-	-	-	-	260,000.00	-	-	-	150,000.00
<b>Libraries</b>														
773003 - Hagersville Library Replacement	SOGR	Increase driven by increase in construction cost, based on the Cayuga Library and year-over-year change in the Construction Cost Index.	Scope Increase	347,000.00	-	-	-	-	-	-	-	-	-	347,000.00
<b>Total Libraries</b>				347,000.00	-	-	-	-	-	-	-	-	-	347,000.00
<b>Parks</b>														
722010 - CAL - Williamson Woods Playground Replacement	SOGR	Project re-prioritized based on condition and updated workplan.	Project Shift	(125,000.00)	125,000.00	-	-	-	-	-	-	-	-	-

**HALDIMAND COUNTY**  
**2020 - 2029 RATE SUPPORTED CAPITAL FORECAST**  
**PROJECT CHANGES OVER \$100,000**

	Stage of Good Repair, New / Enhanced	Explanation	Change Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
722022 - CAL - Avalon Park Central Green	New/Enhanced	As part of the approvals issued for Avalon in 2014, County Council endorsed the proposal to have Empire construct the community park and the County reimburse for all costs incurred (save and except for all design and engineering work).	Project Added	2,300,000.00	-	-	-	-	-	-	-	-	-	2,300,000.00
725007 - Cayuga Village on the Green Landscape	New/Enhanced	Shifted to allow for incorporation of Cayuga Parks Community Engagement.	Project Shift	(100,000.00)	100,000.00	-	-	-	-	-	-	-	-	-
726022 - Port Maitland East Breakwall Extension	SOGR	Project added to extend the seawall from the canal to repair armour rock shore protection.	Project Added	-	-	-	-	-	290,000.00	-	-	-	-	290,000.00
726023 - Port Maitland East Boat Launch Replacement	SOGR	New project added to remove deteriorated boat launch and engineer and install new concrete ramp complete with precast sections under water	Project Added	-	-	-	-	-	150,000.00	-	-	-	-	150,000.00
729001 - DUNN - Pt. Maitland Lighthouse Repairs	SOGR	Construction re-identified in 2020 due to scope increase to include coupola and updated cost information.	Project Added	110,000.00	-	-	-	-	-	-	-	-	-	110,000.00
729003 - DUNN - Pt. Maitland Pier Improvements Study	New/Enhanced	Project shift based on current condition and revised workplan. Parking lot portion of project split into separate project. Revised to study only.	Scope Decrease / Project Shift	15,000.00	-	(115,000.00)	-	-	-	-	-	-	-	(100,000.00)
727003 - TOWN - Lions Park Roof Repair/Maintenance	SOGR	Project not initiated in 2019. Re-identified in 2020. Increase based on updated cost estimates. Project was tendered in 2019, overbudget.	Scope Increase / Project Added	250,000.00	-	-	-	-	-	-	-	-	-	250,000.00
727004 - TOWN - Playground Equipment Replc.	SOGR	Project re-prioritized based on condition and updated workplan.	Project Shift	(150,000.00)	-	150,000.00	-	-	-	-	-	-	-	-
727009 - Townsend Park Pond, Trail & Appurtenances	SOGR	Project added to improve appearances and user experience.	Project Added	270,000.00	-	-	-	-	-	-	-	-	-	270,000.00
<b>Total Parks</b>				<b>2,570,000.00</b>	<b>225,000.00</b>	<b>35,000.00</b>	-	-	<b>440,000.00</b>	-	-	-	-	<b>3,270,000.00</b>
<b>Pools</b>														
766001 - DUNN - Pool Change House Replacement	SOGR	Project re-prioritized based on condition and updated workplan.	Project Shift	-	(530,000.00)	530,000.00	-	-	-	-	-	-	-	-
<b>Total Pools</b>				-	<b>(530,000.00)</b>	<b>530,000.00</b>	-	-	-	-	-	-	-	-
<b>Total Recreation &amp; Cultural Services</b>				<b>\$ 2,781,500</b>	<b>\$ (255,000)</b>	<b>\$ 920,500</b>	<b>\$ 50,000</b>	<b>\$ (100,000)</b>	<b>\$ 340,000</b>	<b>\$ 310,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 4,197,000</b>
<b>Planning and Development</b>														
<b>Tree Conservation</b>														
297002 - Downtown Street Tree Removal and Planting	SOGR	Planning, repair, replacement, removal and planting of street trees and hardware located within the Caledonia, Cayuga, Dunnville, Hagersville and Jarvis downtown cores.	Project Added	50,000	100,000	-	-	-	-	-	-	-	-	150,000
297003 - Forest Management & Operating Plan	SOGR	Every 5 years the operation component of the plan is updated and describes in detail which specific locations are to be reforested and which woodlands should be sustainably harvested to improve the health of the woodland, mitigate risks and generate revenue.	Project Added	-	-	80,000	-	-	-	50,000	-	-	-	130,000
297004 - Urban Forest Management & Operating Plan	SOGR	The 2016-2021 Urban Forest Management Plan expires in 2021 and needs to be updated to reflect the current urban forest management objectives and specific objectives for the next five years.	Project Added	-	-	50,000	-	-	-	50,000	-	-	-	100,000
<b>Total Tree Conservation</b>				<b>50,000</b>	<b>100,000</b>	<b>130,000</b>	-	-	-	<b>100,000</b>	-	-	-	<b>380,000</b>
<b>Total Planning and Development</b>				<b>\$ 50,000</b>	<b>\$ 100,000</b>	<b>\$ 130,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 380,000</b>
<b>Total Tax Supported Capital</b>				<b>\$ 10,891,340</b>	<b>\$ 2,851,990</b>	<b>\$ 3,734,690</b>	<b>\$ 3,959,200</b>	<b>\$ 3,121,380</b>	<b>\$ (405,470)</b>	<b>\$ 3,027,040</b>	<b>\$ 1,544,610</b>	<b>\$ 2,682,800</b>	<b>\$ 7,071,100</b>	<b>\$ 38,478,680</b>

**HALDIMAND COUNTY  
2020 CAPITAL BUDGET FORECAST  
NET CAPITAL FINANCING FROM TAX RATES**

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
<b>DEBT CHARGES (Existing Debt)</b>											
- Gross debt repayments	3,071,210	4,680,443	4,557,898	4,439,497	4,321,206	3,901,913	3,791,515	3,683,432	3,025,629	2,091,153	1,926,702
- Development related debt repayments	950,886	1,014,234	990,951	968,500	946,148	775,403	757,553	740,295	539,877	430,288	416,506
- CVF related debt repayments		143,222	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)	(484,880)	(483,550)	(483,550)	(483,550)	(484,880)	(483,550)	(451,180)	(415,781)	0	0
- Development Charges Reserve Fund	(950,886)	(1,014,234)	(990,951)	(968,500)	(946,148)	(775,403)	(757,553)	(740,295)	(539,877)	(430,288)	(416,506)
- CVF		(143,222)	(140,366)	(137,582)	(134,798)	(132,056)	(129,230)	(126,446)	(123,662)	(120,889)	(118,094)
<b>Net Existing Debt Charges</b>	2,587,660	4,195,563	4,074,348	3,955,947	3,837,656	3,417,033	3,307,965	3,232,252	2,609,848	2,091,153	1,926,702
<b>DEBT CHARGES (Proposed Debt for Active Projects)</b>	0	0	0	0	0	0	0	0	0	0	0
<b>DEBT CHARGES (Proposed Debt for Development Related Active Projects)</b>	0	0	0	69,190	67,580	66,011	64,370	62,770	61,160	59,570	57,950
<b>OFFSETTING FUNDING for Development Related Active Projects</b>	0	0	0	(69,190)	(67,580)	(66,011)	(64,370)	(62,770)	(61,160)	(59,570)	(57,950)
<b>DEBT CHARGES (Proposed New Debt)</b>	0	0	0	404,070	908,060	887,230	865,470	844,180	822,880	1,306,460	1,272,920
<b>DEBT CHARGES (Proposed New Debt for Development Related Projects)</b>	0	0	0	63,060	1,003,420	980,640	1,124,910	1,097,590	1,070,360	1,043,420	1,015,980
<b>OFFSETTING FUNDING for New Development Related Projects</b>	0	0	0	(63,060)	(1,003,420)	(980,640)	(1,124,910)	(1,097,590)	(1,070,360)	(1,043,420)	(1,015,980)
<b>DEBT CHARGES (Proposed CVF Related Projects)</b>	0	0	0	0	0	0	0	0	0	0	0
<b>OFFSETTING FUNDING for Proposed CVF Related Projects</b>	0	0	0	0	0	0	0	0	0	0	0
<b>DEBT CHARGES SUB-TOTAL</b>	0	0	0	404,070	908,060	887,230	865,470	844,180	822,880	1,306,460	1,272,920
<b>TOTAL DEBT CHARGES</b>	2,587,660	4,195,563	4,074,348	4,360,017	4,745,716	4,304,263	4,173,435	4,076,432	3,432,728	3,397,613	3,199,622
<b>CAPITAL REPLACEMENT RESERVES</b>											
- Budgeted contribution - Fleet	2,266,370	2,570,970	2,622,390	2,674,840	2,728,340	2,782,910	2,838,560	2,895,330	2,953,230	3,012,280	3,072,530
- 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	2,448,460	2,452,700	2,501,750	2,551,790	2,602,820	2,654,870	2,707,970	2,762,130	2,817,380	2,868,750	2,921,150
- Budgeted contribution - Storm Sewer	530,600	541,210	552,030	563,070	574,330	585,820	597,540	609,490	621,680	634,110	646,790
- Budgeted contribution - IT	655,300	671,400	684,830	698,530	712,500	726,750	741,290	756,120	771,240	786,660	802,390
- 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	46,700	50,435	54,250	58,145	59,305	60,495	61,705	62,935	64,195	65,475	66,785
- Budgeted contribution - Community Partnership Capital Program						150,000	150,000	150,000	150,000	150,000	150,000
<b>Net Transfers to Capital Reserves</b>	15,593,660	15,932,945	16,061,480	16,192,605	16,323,525	16,607,075	16,743,295	16,882,235	17,023,955	17,163,505	17,305,875
<b>ADDITIONAL RESERVE CONTRIBUTIONS</b>											
- addnl contrib. required for new initiative projects identified in Operating Impacts appendix for fleet, IS and General funding	67,190	54,900	54,900	54,900	54,900	54,900	54,900	54,900	54,900	54,900	54,900
- addnl contrib. to CRR - Community Halls to accommodate new information provided by Building Condition Assessments	450,000	370,000	200,000	150,000	100,000	80,000	60,000	50,000	40,000	30,000	20,000
- addnl contrib. to Library Reserve Fund to offset anticipated shortfall	230,000	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)
- addnl contrib to CRR - General to offset increase in number of facility related projects	150,000	410,000	320,000	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	(102,000)	(1,264,648)	(339,718)	85,738	291,369	1,141,522	1,828,380	2,314,093	2,826,077	2,731,642	2,797,263
<b>Additional Annual Contributions to Reserve</b>	795,190	(479,748)	185,182	440,638	596,269	1,426,422	2,093,280	2,568,993	3,070,977	2,966,542	3,022,163
<b>TOTAL CONTRIBUTION TO RESERVES</b>	16,388,850	15,453,197	16,246,662	16,633,243	16,919,794	18,033,497	18,836,575	19,451,228	20,094,932	20,130,047	20,328,038
<b>TOTAL CAPITAL-RELATED FINANCING</b>	18,976,510	19,648,760	20,321,010	20,993,260	21,665,510	22,337,760	23,010,010	23,527,660	23,527,660	23,527,660	23,527,660
<b>IMPACT ON TAX LEVY:</b>											
Total Capital Related Expenditure Requirement	18,976,510	19,648,760	20,321,010	20,993,260	21,665,510	22,337,760	23,010,010	23,527,660	23,527,660	23,527,660	23,527,660
\$ Impact on Tax Levy	640,375	672,250	672,250	672,250	672,250	672,250	672,250	517,650	0	0	0
Estimated Levy 0.00% increase	67,225,340	67,225,340	67,225,340	67,225,340	67,225,340	67,225,340	67,225,340	67,225,340	67,225,340	67,225,340	67,225,340
% Impact on Tax Rates based Levy	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	0.77%	0.00%	0.00%	0.00%
<b>TOTAL CAPITAL-RELATED EXPENDITURES AS % OF TOTAL LEVY</b>	28.23%	29.23%	30.23%	31.23%	32.23%	33.23%	34.23%	35.00%	35.00%	35.00%	35.00%

**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: N/A.  
Proposed New Development Related Debt for Active Projects includes the following active capital projects: Alder St. Storm System Improvements (2022-2031).  
New Debt is also proposed for Hagersville Library (2022-2031), Caledonia Fire/EMS Station (2023-2032), and Dunnville Fire/EMS Station (2028-2037).

New Development Related Debt is also proposed for Caledonia Argyle Bridge (2024-2033), Caledonia Arterial Road (2023-2032), Caledonia Fire (2023-2032), Caledonia EMS Base (2023-2032) and Hagersville Library Replacement (2022-2031).



**Haldimand**  
County

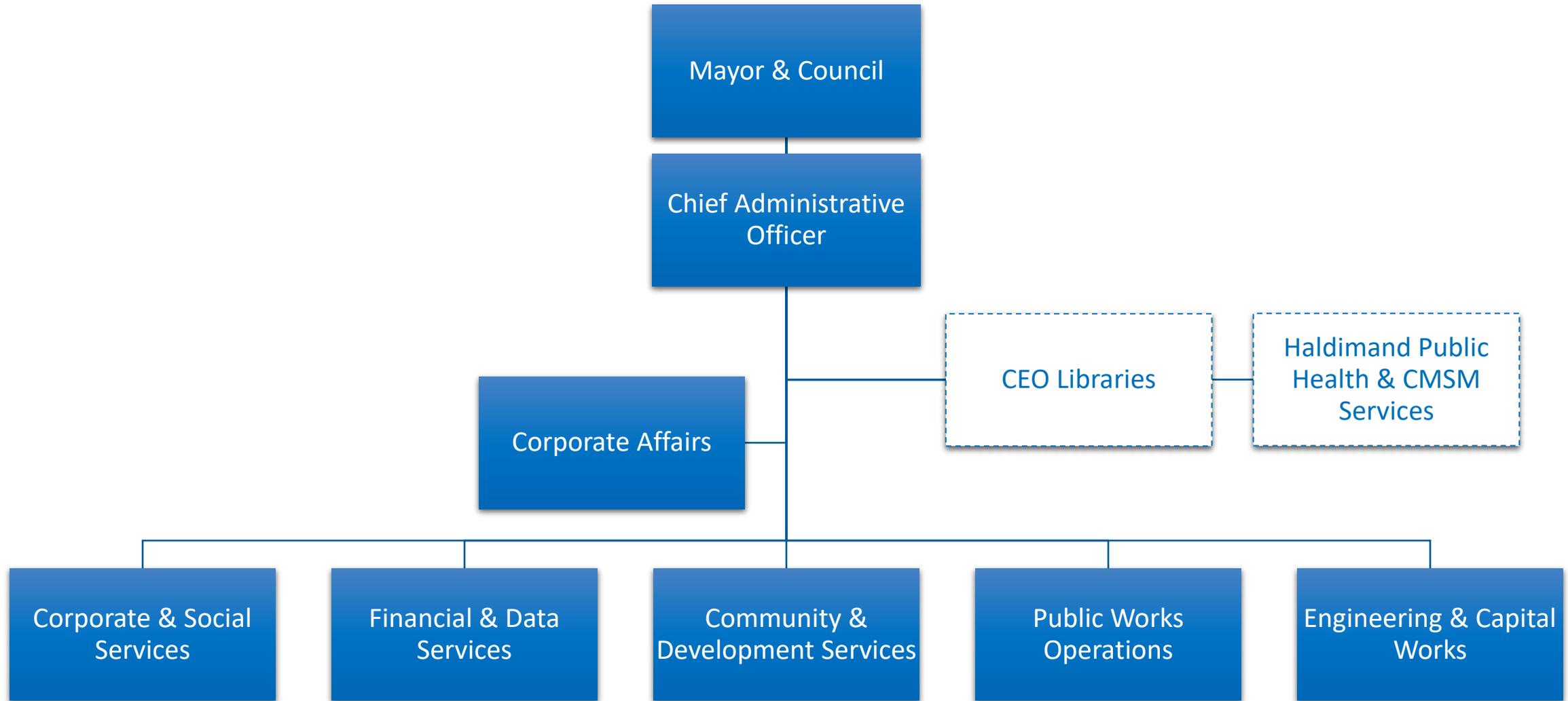
HALDIMAND COUNTY  
 CO-ORDINATED PROJECTS  
 FOR THE YEARS 2020 to 2029

Project	Timing	TAX CAPITAL						WATER AND WASTEWATER CAPITAL				Project Total
		Roads 2019 Open Projects	Roads 10 Year Forecast	Storm 2019 Open Projects	Storm 10 Year Forecast	Other 2019 Open Projects	Other 10 Year Forecast	Water 2019 Open Projects	Water 10 Year Forecast	Wastewater 2019 Open Projects	Wastewater 10 Year Forecast	
<b>Caledonia</b>												
Master Servicing Plan	2019, 2020, 2026	150,000	50,000	33,600	30,000	-	-	50,000	100,000	50,000	100,000	563,600
Fire Station Replacement & EMS Base (including vehicles)	2021, 2022	-	-	-	-	7,327,700	-	-	-	-	-	7,327,700
Argyle Street Bridge	2020	-	-	-	-	35,000	-	-	60,000	-	250,000	345,000
Argyle/Haddington Intersection Improvements/Signalization	2019, 2020	2,565,560	1,100,000	-	-	-	-	-	-	-	-	3,665,560
Blair St - Caithness to Park Lane	2021	-	100,000	-	-	-	-	-	150,000	-	-	250,000
Cameron St - Caithness to Ross	2021	-	120,000	-	-	-	-	-	150,000	-	-	270,000
Park Lane - Inverness to end	2021	-	200,000	-	-	-	-	-	200,000	-	-	400,000
Queen Ave - Caithness to end	2021	-	200,000	-	-	-	-	-	200,000	-	-	400,000
<b>Cayuga</b>												
Master Servicing Plan	2024, 2030	-	30,000	-	15,000	-	-	-	25,000	-	25,000	95,000
Brant St - Ouse St S to Cayuga St S	2020	-	50,000	-	-	-	-	-	120,000	-	-	170,000
Cayuga St S - Seneca to Brant	2020	-	100,000	-	-	-	-	-	150,000	-	-	250,000
Chippewa St W - Ottawa to Cayuga	2020	-	150,000	-	-	-	-	-	250,000	-	-	400,000
Kerr St E - Winniet to 100 m west of Winniet	2022	-	80,000	-	-	-	-	-	100,000	-	-	180,000
Kerr St W - Ottawa St to Munsee	2022	-	80,000	-	-	-	-	-	120,000	-	-	200,000
McKay St E - Thorburn to Fisher Carrier	2020	-	60,000	-	-	-	-	-	100,000	-	-	160,000
McKay St W - Seneca to Ottawa	2020	-	60,000	-	-	-	-	-	100,000	-	-	160,000
Mohawk St E - Winniet east to end	2022	-	150,000	-	-	-	-	-	200,000	-	-	350,000
Norton St E - Winniet to 60 m west of Winniet	2022	-	30,000	-	-	-	-	-	60,000	-	-	90,000
Norton St W - Ottawa St W to end	2022	-	60,000	-	-	-	-	-	100,000	-	-	160,000
Ouse St N - Talbot to Cayuga St N	2022	-	220,000	-	-	-	-	-	330,000	-	-	550,000
Ouse St S - Talbot to Tuscarora	2020	-	220,000	-	-	-	-	-	350,000	-	-	570,000
Seneca St S - Tuscarora to McKay	2020	-	100,000	-	-	-	-	-	220,000	-	-	320,000
River Road - Hwy 3 to Sutor Road	2021	-	1,000,000	-	-	570,000	-	-	-	-	-	1,570,000
<b>Dunnville</b>												
Master Servicing Plan	2023, 2029	-	60,000	-	60,000	-	-	-	60,000	-	60,000	240,000
Fire Station Replacement & EMS Base	2026	-	-	-	-	5,076,000	-	-	-	-	-	5,076,000
Alley way - Broad to Central Lane	2023	-	50,000	-	-	-	-	-	200,000	-	-	250,000
Main St E - 710 Main E to 50 m south	2023	-	20,000	-	-	-	-	-	70,000	-	-	90,000
<b>Hagersville</b>												
Master Servicing Plan	2022, 2028	-	60,000	-	30,000	-	-	-	50,000	-	50,000	190,000
Foundry St - Tuscarora to end	2023	-	40,000	-	-	-	-	-	100,000	-	-	140,000
Victoria St - Tuscarora to Main St N	2023	-	200,000	-	-	-	-	-	300,000	-	-	500,000
<b>Jarvis</b>												
Master Servicing Plan	2019, 2025	16,000	15,000	15,000	15,000	-	-	21,000	20,000	17,600	15,000	134,600
Walpole Drive	2024	-	114,600	-	497,000	-	-	-	-	-	-	611,600

HALDIMAND COUNTY  
CO-ORDINATED PROJECTS  
FOR THE YEARS 2020 to 2029

Project	Timing	TAX CAPITAL						WATER AND WASTEWATER CAPITAL				Project Total
		Roads 2019 Open Projects	Roads 10 Year Forecast	Storm 2019 Open Projects	Storm 10 Year Forecast	Other 2019 Open Projects	Other 10 Year Forecast	Water 2019 Open Projects	Water 10 Year Forecast	Wastewater 2019 Open Projects	Wastewater 10 Year Forecast	
Lake Erie Industrial Park Master Servicing Plan	2021, 2027		100,000		60,000		-		100,000		100,000	<b>360,000</b>
<b>County Wide</b>												
Asbestos Annual Inspection and Remediation	2019-2029		-		-	107,180	282,700	3,100	31,000	4,000	40,000	<b>467,980</b>
CCTV Inspection Program	2019-2029		-	25,000	250,000		-	25,000	250,000	49,900	250,000	<b>849,900</b>
<b>Total - Tax Supported Capital Departments</b>		<b>2,731,560</b>	<b>4,819,600</b>	<b>73,600</b>	<b>957,000</b>	<b>107,180</b>	<b>13,291,400</b>	<b>99,100</b>	<b>4,266,000</b>	<b>121,500</b>	<b>890,000</b>	<b>27,356,940</b>

**Note** - does not include prior year closed projects or prior year open projects with no impact in 2020-2029





## Council & Senior Management

### Haldimand County Council 2018-2022

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

### Haldimand County Senior Management

<b>Chief Administrative Officer</b>	Craig Manley	<b>General Manager, Community &amp; Development Services</b>	Mike Evers
<b>General Manager, Corporate &amp; Social Services</b>	Cathy Case	<b>General Manager, Public Works Operations</b>	Phil Mete
<b>General Manager, Financial &amp; Data Services</b>	Mark Merritt	<b>General Manager, Engineering &amp; Capital Works</b>	Tyson Haedrich



**HALDIMAND COUNTY**  
2020-2029 DRAFT TAX SUPPORTED CAPITAL FORECAST

Version: Draft Budget Department/Division: Tax Supported Capital Departments	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	External Financing	Development Charges Rsvs Funds	Reserves/ Reserve Funds	Debenture Financing	Total Financing
General Government	4,830,300	2,803,450	3,965,900	3,682,100	3,952,200	2,638,950	1,846,600	4,051,000	5,877,600	4,453,650	<b>38,101,750</b>		(323,000)	(2,314,000)	(35,464,750)		(38,101,750)
Protection Services	477,700	4,198,000	316,700	309,200	296,700	316,200	4,059,100	404,700	305,700	263,700	<b>10,947,700</b>		(300,000)	(1,935,250)	(3,327,050)	(5,385,400)	(10,947,700)
Transportation Services	20,196,290	20,774,690	18,732,790	16,911,990	14,287,800	12,216,300	13,833,300	12,171,640	13,777,300	11,072,800	<b>153,974,900</b>	(26,679,100)	(3,727,810)	(9,080,260)	(114,487,730)		(153,974,900)
Environmental Services	656,000	569,000	424,550	317,500	718,000	215,000	237,700	242,550	220,000	230,000	<b>3,830,300</b>		(352,090)	(210,000)	(3,268,210)		(3,830,300)
Health Services	92,000	1,968,400	207,000	542,000	117,500	291,500	1,383,600	237,000	238,800	57,000	<b>5,134,800</b>			(996,350)	(1,650,350)	(2,488,100)	(5,134,800)
Social and Family Services	339,510	251,940	273,770	186,570	188,810	139,430	205,510	208,260	134,670	140,040	<b>2,068,510</b>		(87,500)		(1,981,010)		(2,068,510)
Recreation and Cultural Services	9,589,150	2,742,990	3,635,390	2,015,290	1,484,790	2,616,590	1,540,590	764,590	722,090	632,390	<b>25,743,860</b>		(618,000)	(3,762,090)	(18,237,660)	(3,126,110)	(25,743,860)
Planning and Development	924,400	806,400	842,400	681,400	626,400	470,400	581,400	671,400	578,400	456,400	<b>6,639,000</b>		(109,600)	(365,400)	(6,164,000)		(6,639,000)
<b>Total</b>	<b>37,105,350</b>	<b>34,114,870</b>	<b>28,398,500</b>	<b>24,646,050</b>	<b>21,672,200</b>	<b>18,904,370</b>	<b>23,687,800</b>	<b>18,751,140</b>	<b>21,854,560</b>	<b>17,305,980</b>	<b>246,440,820</b>	(26,679,100)	(5,518,000)	(18,663,350)	(184,580,760)	(10,999,610)	(246,440,820)

Funding	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Grants/Subsidies	(12,011,270)	(5,512,600)	(994,550)	(2,410,200)	(715,380)	(549,900)	(712,000)	(1,149,200)	(1,212,000)	(1,412,000)	<b>(26,679,100)</b>
External Financing	(930,590)	(398,580)	(1,599,310)	(1,152,700)	(228,020)	(246,990)	(283,290)	(175,110)	(283,700)	(219,710)	<b>(5,518,000)</b>
Development Charges Reserve Funds	(3,222,520)	(8,718,240)	(2,036,190)	(2,234,890)	(417,160)	(298,860)	(1,142,010)	(279,160)	(190,160)	(124,160)	<b>(18,663,350)</b>
Reserves/Reserve Funds	(17,814,860)	(15,513,750)	(23,768,450)	(18,848,260)	(20,311,640)	(17,808,620)	(17,648,700)	(17,147,670)	(20,168,700)	(15,550,110)	<b>(184,580,760)</b>
Debenture Financing	(3,126,110)	(3,971,700)	-	-	-	-	(3,901,800)	-	-	-	<b>(10,999,610)</b>
<b>Total</b>	<b>(37,105,350)</b>	<b>(34,114,870)</b>	<b>(28,398,500)</b>	<b>(24,646,050)</b>	<b>(21,672,200)</b>	<b>(18,904,370)</b>	<b>(23,687,800)</b>	<b>(18,751,140)</b>	<b>(21,854,560)</b>	<b>(17,305,980)</b>	<b>(246,440,820)</b>



**Haldimand**  
County



**Haldimand**  
County

General Government



**Haldimand**  
County



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST  
SUMMARY

<b>FIR Category: General Government</b> <b>Stage: Draft Budget</b>	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	<b>Total Expenditures</b>	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	<b>Total Financing</b>
Citizen & Legislative Services					16,000					16,000	32,000				(32,000)		(32,000)
<b>Total Governance</b>					<b>16,000</b>					<b>16,000</b>	<b>32,000</b>				<b>(32,000)</b>		<b>(32,000)</b>
Emergency Management		3,700					3,700				7,400				(7,400)		(7,400)
Finance	15,000			60,000					60,000		135,000			(108,000)	(27,000)		(135,000)
Legal & Support Services	37,200	20,300	33,300	15,500	16,950	23,000	129,300	84,000	69,000	37,000	465,550				(465,550)		(465,550)
<b>Total Corporate Management</b>	<b>52,200</b>	<b>24,000</b>	<b>33,300</b>	<b>75,500</b>	<b>16,950</b>	<b>23,000</b>	<b>133,000</b>	<b>84,000</b>	<b>129,000</b>	<b>37,000</b>	<b>607,950</b>			<b>(108,000)</b>	<b>(499,950)</b>		<b>(607,950)</b>
Human Resources	20,500										20,500				(20,500)		(20,500)
Information Systems	656,900	466,050	260,200	258,800	483,400	773,150	294,800	281,300	582,050	476,400	4,533,050				(4,533,050)		(4,533,050)
<b>Total Program Support</b>	<b>677,400</b>	<b>466,050</b>	<b>260,200</b>	<b>258,800</b>	<b>483,400</b>	<b>773,150</b>	<b>294,800</b>	<b>281,300</b>	<b>582,050</b>	<b>476,400</b>	<b>4,553,550</b>				<b>(4,553,550)</b>		<b>(4,553,550)</b>
Fleet & Equipment Pool	2,707,400	1,433,900	3,506,900	3,182,300	2,931,150	980,800	1,253,300	3,520,200	5,001,050	3,588,750	28,105,750			(1,886,000)	(26,219,750)		(28,105,750)
Kohler Fleet Garage	204,000	606,300	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	842,300			(320,000)	(522,300)		(842,300)
Kohler Fleet Office	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)
<b>Total Fleet and Equipment Pool</b>	<b>2,916,400</b>	<b>2,045,200</b>	<b>3,515,900</b>	<b>3,191,300</b>	<b>2,940,150</b>	<b>989,800</b>	<b>1,262,300</b>	<b>3,529,200</b>	<b>5,010,050</b>	<b>3,597,750</b>	<b>28,998,050</b>			<b>(2,206,000)</b>	<b>(26,792,050)</b>		<b>(28,998,050)</b>
Dunnville Multi-Purpose Facility	161,500	190,000			19,200	27,000					397,700				(397,700)		(397,700)
General Administration Facilities	1,002,800	78,200	156,500	156,500	456,500	666,000	156,500	156,500	156,500	156,500	3,142,500		(323,000)		(2,819,500)		(3,142,500)
Haldimand County Administration Building						160,000				150,000	310,000				(310,000)		(310,000)
<b>Total Administration Facilities</b>	<b>1,164,300</b>	<b>268,200</b>	<b>156,500</b>	<b>156,500</b>	<b>475,700</b>	<b>853,000</b>	<b>156,500</b>	<b>156,500</b>	<b>156,500</b>	<b>306,500</b>	<b>3,850,200</b>		<b>(323,000)</b>		<b>(3,527,200)</b>		<b>(3,850,200)</b>
Facilities Capital & Asset Management	20,000				20,000					20,000	60,000				(60,000)		(60,000)
<b>Total Facilities Capital and Asset</b>	<b>20,000</b>				<b>20,000</b>					<b>20,000</b>	<b>60,000</b>				<b>(60,000)</b>		<b>(60,000)</b>
<b>Total General Government</b>	<b>4,830,300</b>	<b>2,803,450</b>	<b>3,965,900</b>	<b>3,682,100</b>	<b>3,952,200</b>	<b>2,638,950</b>	<b>1,846,600</b>	<b>4,051,000</b>	<b>5,877,600</b>	<b>4,453,650</b>	<b>38,101,750</b>			<b>(323,000)</b>	<b>(2,314,000)</b>	<b>(35,464,750)</b>	<b>(38,101,750)</b>

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



## HALDIMAND COUNTY

2020 to 2029 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget Governance	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Citizen & Legislative Services																	
Replacement/State of Good Repair																	
132003 Postage Machine-HCAB					16,000					16,000	32,000				(32,000)		(32,000)
<b>Total Replacement/State of Good Repair</b>					<b>16,000</b>					<b>16,000</b>	<b>32,000</b>				<b>(32,000)</b>		<b>(32,000)</b>
<b>Total Citizen &amp; Legislative Services</b>					<b>16,000</b>					<b>16,000</b>	<b>32,000</b>				<b>(32,000)</b>		<b>(32,000)</b>
<b>Total Governance</b>					<b>16,000</b>					<b>16,000</b>	<b>32,000</b>				<b>(32,000)</b>		<b>(32,000)</b>

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget Corporate Management	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Emergency Management</b>																	
<b>Replacement/State of Good Repair</b>																	
211002 Interactive Whiteboard		2,000					2,000				4,000				(4,000)		(4,000)
211003 LED TV's		1,700					1,700				3,400				(3,400)		(3,400)
<b>Total Replacement/State of Good Repair</b>		<b>3,700</b>					<b>3,700</b>				<b>7,400</b>				<b>(7,400)</b>		<b>(7,400)</b>
<b>Total Emergency Management</b>		<b>3,700</b>					<b>3,700</b>				<b>7,400</b>				<b>(7,400)</b>		<b>(7,400)</b>
<b>Finance</b>																	
<b>New/Enhanced Service</b>																	
133001 Development Charges Study Update				60,000					60,000		120,000			(108,000)	(12,000)		(120,000)
133004 Community Benefit Charge (CBC) By-Law Update	15,000										15,000				(15,000)		(15,000)
<b>Total New/Enhanced Service</b>	<b>15,000</b>			<b>60,000</b>					<b>60,000</b>		<b>135,000</b>			<b>(108,000)</b>	<b>(27,000)</b>		<b>(135,000)</b>
<b>Total Finance</b>	<b>15,000</b>			<b>60,000</b>					<b>60,000</b>		<b>135,000</b>			<b>(108,000)</b>	<b>(27,000)</b>		<b>(135,000)</b>
<b>Legal &amp; Support Services</b>																	
<b>Replacement/State of Good Repair</b>																	
134001 Unscheduled Equipment Replacements	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)
134002 Furniture Replacements	12,400	6,300	3,000	1,500	2,950	9,000	99,000	70,000	55,000	23,000	282,150				(282,150)		(282,150)
134007 Folder/Inserter Machine at HCAB			16,300				16,300				32,600				(32,600)		(32,600)
134014 Unscheduled Furniture Replacements	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	90,000				(90,000)		(90,000)
<b>Total Replacement/State of Good Repair</b>	<b>26,400</b>	<b>20,300</b>	<b>33,300</b>	<b>15,500</b>	<b>16,950</b>	<b>23,000</b>	<b>129,300</b>	<b>84,000</b>	<b>69,000</b>	<b>37,000</b>	<b>454,750</b>				<b>(454,750)</b>		<b>(454,750)</b>
<b>New/Enhanced Service</b>																	
134015 Software Solution for Procurement Process/Activity	10,800										10,800				(10,800)		(10,800)
<b>Total New/Enhanced Service</b>	<b>10,800</b>										<b>10,800</b>				<b>(10,800)</b>		<b>(10,800)</b>
<b>Total Legal &amp; Support Services</b>	<b>37,200</b>	<b>20,300</b>	<b>33,300</b>	<b>15,500</b>	<b>16,950</b>	<b>23,000</b>	<b>129,300</b>	<b>84,000</b>	<b>69,000</b>	<b>37,000</b>	<b>465,550</b>				<b>(465,550)</b>		<b>(465,550)</b>

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



HALDIMAND COUNTY  
2020 to 2029 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget Corporate Management	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Total Corporate Management</b>	52,200	24,000	33,300	75,500	16,950	23,000	133,000	84,000	129,000	37,000	607,950			(108,000)	(499,950)		(607,950)



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget Program Support	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
<b>Human Resources</b>																	
<b>Replacement/State of Good Repair</b>																	
135001 Fit Test Machine Replacement	20,500										20,500				(20,500)		(20,500)
<b>Total Replacement/State of Good Repair</b>	<b>20,500</b>										<b>20,500</b>				<b>(20,500)</b>		<b>(20,500)</b>
<b>Total Human Resources</b>	<b>20,500</b>										<b>20,500</b>				<b>(20,500)</b>		<b>(20,500)</b>
<b>Information Systems</b>																	
<b>Replacement/State of Good Repair</b>																	
136001 Desktops	84,600	131,400	45,000		7,200	84,600	131,400	45,000		7,200	536,400				(536,400)		(536,400)
136002 Printers/Scanners	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)
136003 Connectivity Equipment	2,000	2,000	2,000	4,000	5,000	50,000	5,000	20,000	20,000	64,500	174,500				(174,500)		(174,500)
136004 UPS's (uninterrupted power supply protection)	11,000	1,000	1,000	1,000	1,000	1,000	1,000	21,000	1,000	1,000	40,000				(40,000)		(40,000)
136005 Software Replacement		50,000	40,000			18,000		30,000	90,000		228,000				(228,000)		(228,000)
136007 Cell Phone/Smartphone Upgrade/Replacement	76,000	5,000	76,000	5,000	76,000	5,000	76,000	5,000	76,000	5,000	405,000				(405,000)		(405,000)
136008 Multi-function Units(printers/copiers)	14,500	22,500		10,500	70,000			14,500	22,500	70,000	224,500				(224,500)		(224,500)
136015 Laptops/Rugged Laptops	5,800	2,900		2,900	40,600	5,800	2,900		2,900	40,600	104,400				(104,400)		(104,400)
136016 Portable 2-in-1s	78,300	23,200	81,200	220,400	243,600	156,600	23,200	81,200	220,400	243,600	1,371,700				(1,371,700)		(1,371,700)
136017 Dual and Ultrawide Monitors	2,500					8,250	27,600	32,700	2,500		73,550				(73,550)		(73,550)
136019 Operating System Software Enterprise Upgrade		74,400				74,400					148,800				(148,800)		(148,800)
136023 Telephone System - Voice over IP	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)
136024 Low End Servers					19,500					19,500	39,000				(39,000)		(39,000)
136026 Plotter/Scanner								10,000		10,000	20,000				(20,000)		(20,000)
136027 Servers	354,500					354,500					709,000				(709,000)		(709,000)
136028 Desktop Software		131,750							131,750		263,500				(263,500)		(263,500)

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget Program Support	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Information Systems</b>																	
136029 Tablets	9,900	5,500			5,500		9,900	5,500			<b>36,300</b>				(36,300)		<b>(36,300)</b>
136030 LCD Projectors	2,800	1,400					2,800	1,400			<b>8,400</b>				(8,400)		<b>(8,400)</b>
<b>Total Replacement/State of Good Repair</b>	<b>651,900</b>	<b>461,050</b>	<b>255,200</b>	<b>253,800</b>	<b>478,400</b>	<b>768,150</b>	<b>289,800</b>	<b>276,300</b>	<b>577,050</b>	<b>471,400</b>	<b>4,483,050</b>				<b>(4,483,050)</b>		<b>(4,483,050)</b>
<b>New/Enhanced Service</b>																	
136006 Software/Applications/Development	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	<b>50,000</b>				(50,000)		<b>(50,000)</b>
<b>Total New/Enhanced Service</b>	<b>5,000</b>	<b>50,000</b>				<b>(50,000)</b>		<b>(50,000)</b>									
<b>Total Information Systems</b>	<b>656,900</b>	<b>466,050</b>	<b>260,200</b>	<b>258,800</b>	<b>483,400</b>	<b>773,150</b>	<b>294,800</b>	<b>281,300</b>	<b>582,050</b>	<b>476,400</b>	<b>4,533,050</b>				<b>(4,533,050)</b>		<b>(4,533,050)</b>
<b>Total Program Support</b>	<b>677,400</b>	<b>466,050</b>	<b>260,200</b>	<b>258,800</b>	<b>483,400</b>	<b>773,150</b>	<b>294,800</b>	<b>281,300</b>	<b>582,050</b>	<b>476,400</b>	<b>4,553,550</b>				<b>(4,553,550)</b>		<b>(4,553,550)</b>



# HALDIMAND COUNTY

## 2020 to 2029 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget Fleet and Equipment Pool	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Fleet &amp; Equipment Pool</b>																	
<b>Replacement/State of Good Repair</b>																	
315035 Trailer - FIRE (1)	7,000										7,000				(7,000)		(7,000)
315047 Pickup Truck - WWW (1)	45,000										45,000				(45,000)		(45,000)
315051 Fire Apparatus Rescue (10 Yr Forecast)							375,000	70,000	375,000		820,000				(820,000)		(820,000)
315052 Ambulances (10 Yr Forecast)		180,000	5,000	360,000	360,000	180,000	180,000	185,000		360,000	1,810,000				(1,810,000)		(1,810,000)
315053 Cars, Vans, Pickups (10 Yr Forecast)		286,000	451,000	348,000	325,000	104,000	237,000	167,000	381,000	260,000	2,559,000				(2,559,000)		(2,559,000)
315054 Fire Appartus Tankers (10 Yr Forecast)		135,000	270,000	235,000	135,000	135,000	135,000				1,045,000				(1,045,000)		(1,045,000)
315055 Fire Apparatus Equipment (10 Yr Forecast)		70,000		97,500		60,000		60,000	60,000	70,000	417,500				(417,500)		(417,500)
315056 Ice Equipment (10 Yr Forecast)		100,000	10,000	5,000	105,000	100,000			100,000	5,000	425,000				(425,000)		(425,000)
315057 Riding and Push Mowers (10 Yr Forecast)		170,550	190,000	21,100	20,000	95,000	550		550	95,000	592,750				(592,750)		(592,750)
315058 Misc Equip & Tools (10 Yr Forecast)		87,950	27,050	26,550	8,200	12,800	35,350	83,600	37,350	18,400	337,250				(337,250)		(337,250)
315059 Saws and Trimmers (10 Yr Forecast)		6,400	850	11,150	16,950	23,000	10,400	4,600	5,650	6,350	85,350				(85,350)		(85,350)
315060 One Tons and Special Equipment (10 Yr Forecast)		195,000	60,000		293,000	70,000			60,000	75,000	753,000				(753,000)		(753,000)
315061 Fire Apparatus Pumpers (10 Yr Forecast)			700,000	700,000	700,000			2,100,000	700,000	2,100,000	7,000,000				(7,000,000)		(7,000,000)
315062 Ambulance - First Response Vehicle (10 Yr forecast)			60,000	60,000							120,000				(120,000)		(120,000)
315063 Loaders, Tractors, Sweepers (10 Yr Forecast)		190,000	60,000	385,000			165,000	240,000	540,000	275,000	1,855,000				(1,855,000)		(1,855,000)
315064 Trailers and Rollers (10 Yr Forecast)		7,000			75,000	20,000	47,000	7,000	11,500	14,000	181,500				(181,500)		(181,500)
315065 Generators, Welders, Compressors (10 Yr Forecast)		6,000	33,000	3,000	3,000	6,000	68,000	3,000			122,000				(122,000)		(122,000)
315066 Plow Trucks and Motor Graders (10 Yr Forecast)				930,000	620,000	175,000		600,000	2,730,000	310,000	5,365,000				(5,365,000)		(5,365,000)
315067 Ambulance EMS (1)	180,000										180,000				(180,000)		(180,000)
315068 Squad vehicle (Rescue) FIRE (1)	200,000										200,000				(200,000)		(200,000)

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



# HALDIMAND COUNTY

## 2020 to 2029 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget												Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Future Financing	Total Financing
Fleet and Equipment Pool																		
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029								
<b>Fleet &amp; Equipment Pool</b>																		
315069	Emergency Response Unit Full Size - FIRE (1)	60,000										<b>60,000</b>			(60,000)	<b>(60,000)</b>		
315070	Plow Trucks ROADS (4)	1,160,000										<b>1,160,000</b>			(1,160,000)	<b>(1,160,000)</b>		
315071	Pickup Trucks ROADS (5)	213,000										<b>213,000</b>			(213,000)	<b>(213,000)</b>		
315072	Low bed Float Trailer ROADS (1)	40,000										<b>40,000</b>			(40,000)	<b>(40,000)</b>		
315073	Trailer ROADS (1)	4,500										<b>4,500</b>			(4,500)	<b>(4,500)</b>		
315074	Pole Saw ROADS (1)	1,000										<b>1,000</b>			(1,000)	<b>(1,000)</b>		
315075	Leaf Blower ROADS (2)	1,500										<b>1,500</b>			(1,500)	<b>(1,500)</b>		
315076	Sidewalk Grinder ROADS (1)	6,000										<b>6,000</b>			(6,000)	<b>(6,000)</b>		
315077	Chainsaw ROADS (1)	850										<b>850</b>			(850)	<b>(850)</b>		
315078	String Trimmers ROADS (6)	3,600										<b>3,600</b>			(3,600)	<b>(3,600)</b>		
315079	Street sweeper refurbish ROADS (1)	150,000										<b>150,000</b>			(150,000)	<b>(150,000)</b>		
315080	Ice Resurfacers FPC (1)	100,000										<b>100,000</b>			(100,000)	<b>(100,000)</b>		
315081	Pickup Truck FPC (1)	42,000										<b>42,000</b>			(42,000)	<b>(42,000)</b>		
315082	Riding Mower Small - FPC (1)	20,000										<b>20,000</b>			(20,000)	<b>(20,000)</b>		
315083	Riding Mower Small - FPC (1)	20,000										<b>20,000</b>			(20,000)	<b>(20,000)</b>		
315084	Riding Mower Small - FPC (1)	20,000										<b>20,000</b>			(20,000)	<b>(20,000)</b>		
315085	Scissor Lift - FPC (1)	15,000										<b>15,000</b>			(15,000)	<b>(15,000)</b>		
315086	String Trimmers FPC (4)	2,400										<b>2,400</b>			(2,400)	<b>(2,400)</b>		
315087	Multi Tool FPC (1)	1,500										<b>1,500</b>			(1,500)	<b>(1,500)</b>		
315088	Pickup Truck WWW (1)	32,000										<b>32,000</b>			(32,000)	<b>(32,000)</b>		
315089	Pickup Truck WWW (1)	45,000										<b>45,000</b>			(45,000)	<b>(45,000)</b>		
315090	Portable Pressure Washer SW (1)	8,000										<b>8,000</b>			(8,000)	<b>(8,000)</b>		

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



## HALDIMAND COUNTY

2020 to 2029 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget Fleet and Equipment Pool	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Fleet &amp; Equipment Pool</b>																	
315091 Chain Saw SW (1)	850										850				(850)		(850)
315092 String Trimmer SW (1)	600										600				(600)		(600)
315093 String Trimmer WWW (2)	1,200										1,200				(1,200)		(1,200)
315094 Cement Saw WWW (2)	3,800										3,800				(3,800)		(3,800)
315095 Van - Engineering (1)	35,000										35,000				(35,000)		(35,000)
315096 String Trimmer GVL (1)	600										600				(600)		(600)
315097 Compact SUV BLDG (2)	64,000										64,000				(64,000)		(64,000)
<b>Total Replacement/State of Good Repair</b>	<b>2,484,400</b>	<b>1,433,900</b>	<b>1,866,900</b>	<b>3,182,300</b>	<b>2,661,150</b>	<b>980,800</b>	<b>1,253,300</b>	<b>3,520,200</b>	<b>5,001,050</b>	<b>3,588,750</b>	<b>25,972,750</b>				<b>(25,972,750)</b>		<b>(25,972,750)</b>
<b>New/Enhanced Service</b>																	
316003 Single Axle Plow/Sander - ROADS (1)					270,000						270,000			(270,000)			(270,000)
316010 Hotbox -Large - ROADS (1)	50,000										50,000				(50,000)		(50,000)
316029 Aerial Truck - FIRE			1,400,000								1,400,000			(1,400,000)			(1,400,000)
316030 Ambulance - EMS			180,000								180,000			(162,000)	(18,000)		(180,000)
316031 First Response Vehicle - EMS			60,000								60,000			(54,000)	(6,000)		(60,000)
316032 Skid Steer - Roads (1)	95,000										95,000				(95,000)		(95,000)
316033 Tractor with Cab ROADS (1)	60,000										60,000				(60,000)		(60,000)
316034 Trailer Mounted Water Tank Forestry (1)	18,000										18,000				(18,000)		(18,000)
<b>Total New/Enhanced Service</b>	<b>223,000</b>		<b>1,640,000</b>		<b>270,000</b>						<b>2,133,000</b>			<b>(1,886,000)</b>	<b>(247,000)</b>		<b>(2,133,000)</b>
<b>Total Fleet &amp; Equipment Pool</b>	<b>2,707,400</b>	<b>1,433,900</b>	<b>3,506,900</b>	<b>3,182,300</b>	<b>2,931,150</b>	<b>980,800</b>	<b>1,253,300</b>	<b>3,520,200</b>	<b>5,001,050</b>	<b>3,588,750</b>	<b>28,105,750</b>			<b>(1,886,000)</b>	<b>(26,219,750)</b>		<b>(28,105,750)</b>
<b>Kohler Fleet Garage</b>																	
<b>Replacement/State of Good Repair</b>																	
315098 Fuel Depot Repairs	100,000										100,000				(100,000)		(100,000)

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
<b>Fleet and Equipment Pool</b>																			
Kohler Fleet Garage																			
318001	Two-Way Radio Sys-Base Stn & Portables	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	40,000				(40,000)		(40,000)	
<b>Total Replacement/State of Good Repair</b>		<b>104,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>140,000</b>				<b>(140,000)</b>		<b>(140,000)</b>	
New/Enhanced Service																			
318003	Kohler Facility - Roof, Storage Addition, Office & Shop Renovation	100,000	602,300									702,300			(320,000)	(382,300)		(702,300)	
<b>Total New/Enhanced Service</b>		<b>100,000</b>	<b>602,300</b>									<b>702,300</b>			<b>(320,000)</b>	<b>(382,300)</b>		<b>(702,300)</b>	
<b>Total Kohler Fleet Garage</b>		<b>204,000</b>	<b>606,300</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>842,300</b>			<b>(320,000)</b>	<b>(522,300)</b>		<b>(842,300)</b>	
Kohler Fleet Office																			
Replacement/State of Good Repair																			
317001	Kohler Facility Repairs and 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)	
<b>Total Replacement/State of Good Repair</b>		<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>50,000</b>				<b>(50,000)</b>		<b>(50,000)</b>	
<b>Total Kohler Fleet Office</b>		<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>50,000</b>				<b>(50,000)</b>		<b>(50,000)</b>	
<b>Total Fleet and Equipment Pool</b>		<b>2,916,400</b>	<b>2,045,200</b>	<b>3,515,900</b>	<b>3,191,300</b>	<b>2,940,150</b>	<b>989,800</b>	<b>1,262,300</b>	<b>3,529,200</b>	<b>5,010,050</b>	<b>3,597,750</b>	<b>28,998,050</b>			<b>(2,206,000)</b>	<b>(26,792,050)</b>		<b>(28,998,050)</b>	



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Administration Facilities</b>																	
Dunnville Multi-Purpose Facility																	
<b>Replacement/State of Good Repair</b>																	
174007 DMPB - HVAC Replacement (BCA)	101,500										101,500				(101,500)		(101,500)
174010 DMPB - Building & Exterior Upgrades						27,000					27,000				(27,000)		(27,000)
174012 DMPB - Doors & Overhead Doors					19,200						19,200				(19,200)		(19,200)
174013 DMPB - Repair Parking Lot		190,000									190,000				(190,000)		(190,000)
<b>Total Replacement/State of Good Repair</b>	<b>101,500</b>	<b>190,000</b>			<b>19,200</b>	<b>27,000</b>					<b>337,700</b>				<b>(337,700)</b>		<b>(337,700)</b>
<b>New/Enhanced Service</b>																	
174009 DMPB - Lighting Retrofit & Design	60,000										60,000				(60,000)		(60,000)
<b>Total New/Enhanced Service</b>	<b>60,000</b>										<b>60,000</b>				<b>(60,000)</b>		<b>(60,000)</b>
<b>Total Dunnville Multi-Purpose Facility</b>	<b>161,500</b>	<b>190,000</b>			<b>19,200</b>	<b>27,000</b>					<b>397,700</b>				<b>(397,700)</b>		<b>(397,700)</b>
<b>General Administration Facilities</b>																	
<b>Replacement/State of Good Repair</b>																	
171002 FAC ADMIN - Asbestos Management Program	9,500	31,200	9,500	9,500	9,500	9,500	9,500	9,500	9,500	9,500	116,700			(116,700)		(116,700)	
171004 FAC ADMIN - Bldg Condition Assessments	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)	
171005 FAC ADMIN - Roof Maintenance & Repair	4,000	2,000	2,000	2,000	2,000	511,500	2,000	2,000	2,000	2,000	531,500			(531,500)		(531,500)	
171007 FAC ADMIN - Lock & Security Replacement	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)	
171008 FAC ADMIN -Communication Tower Replacement					300,000						300,000			(300,000)		(300,000)	
<b>Total Replacement/State of Good Repair</b>	<b>58,500</b>	<b>78,200</b>	<b>56,500</b>	<b>56,500</b>	<b>356,500</b>	<b>566,000</b>	<b>56,500</b>	<b>56,500</b>	<b>56,500</b>	<b>56,500</b>	<b>1,398,200</b>			<b>(1,398,200)</b>		<b>(1,398,200)</b>	
<b>New/Enhanced Service</b>																	
171010 Renovation for H&SS Space	621,300										621,300			(621,300)		(621,300)	
171011 Haldimand County Administration Building (HCAB) - General Capital Repairs Post Warranty			100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000			(800,000)		(800,000)	

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Administration Facilities</b>																	
General Administration Facilities																	
171016 Operatory and Dental Suite - Dunnville Office	323,000										323,000		(323,000)				(323,000)
<b>Total New/Enhanced Service</b>	<b>944,300</b>		100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	<b>1,744,300</b>		<b>(323,000)</b>		<b>(1,421,300)</b>		<b>(1,744,300)</b>
<b>Total General Administration Facilities</b>	<b>1,002,800</b>	<b>78,200</b>	<b>156,500</b>	<b>156,500</b>	<b>456,500</b>	<b>666,000</b>	<b>156,500</b>	<b>156,500</b>	<b>156,500</b>	<b>156,500</b>	<b>3,142,500</b>		<b>(323,000)</b>		<b>(2,819,500)</b>		<b>(3,142,500)</b>
Haldimand County Administration Building																	
Replacement/State of Good Repair																	
171012 HCAB - Digital Displays						60,000					60,000				(60,000)		(60,000)
171013 HCAB - Security System Replacement						100,000					100,000				(100,000)		(100,000)
171014 HCAB - Council Chambers AV System Repl.										150,000	150,000				(150,000)		(150,000)
<b>Total Replacement/State of Good Repair</b>						<b>160,000</b>				<b>150,000</b>	<b>310,000</b>				<b>(310,000)</b>		<b>(310,000)</b>
<b>Total Haldimand County Administration Building</b>						<b>160,000</b>				<b>150,000</b>	<b>310,000</b>				<b>(310,000)</b>		<b>(310,000)</b>
<b>Total Administration Facilities</b>	<b>1,164,300</b>	<b>268,200</b>	<b>156,500</b>	<b>156,500</b>	<b>475,700</b>	<b>853,000</b>	<b>156,500</b>	<b>156,500</b>	<b>156,500</b>	<b>306,500</b>	<b>3,850,200</b>		<b>(323,000)</b>		<b>(3,527,200)</b>		<b>(3,850,200)</b>

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: General Government Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Facilities Capital and Asset Management</b>																	
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029							
Facilities Capital & Asset Management																	
<b>Replacement/State of Good Repair</b>																	
171015 Energy Conservation and Demand Management Plan	20,000				20,000					20,000	60,000			(60,000)		(60,000)	
<b>Total Replacement/State of Good Repair</b>	<b>20,000</b>				<b>20,000</b>					<b>20,000</b>	<b>60,000</b>			<b>(60,000)</b>		<b>(60,000)</b>	
<b>Total Facilities Capital &amp; Asset Management</b>	<b>20,000</b>				<b>20,000</b>					<b>20,000</b>	<b>60,000</b>			<b>(60,000)</b>		<b>(60,000)</b>	
<b>Total Facilities Capital and Asset Management</b>	<b>20,000</b>				<b>20,000</b>					<b>20,000</b>	<b>60,000</b>			<b>(60,000)</b>		<b>(60,000)</b>	

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



**Haldimand**  
County



**Haldimand**  
County

Protection Services



**Haldimand**  
County



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST  
SUMMARY

<b>FIR Category: Protection Services</b> <b>Stage: Draft Budget</b>	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	<b>Total Expenditures</b>	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/ure Financing	<b>Total Financing</b>
Caledonia Fire Hall Station #1		3,798,300				51,000					3,849,300			(909,900)	(195,800)	(2,743,600)	(3,849,300)
Canborough Fire Hall Station #6	69,000	40,000									109,000				(109,000)		(109,000)
Cayuga Fire Hall Station #4				51,000							51,000				(51,000)		(51,000)
Dunnville Fire Hall Station #9					51,000		3,749,400				3,800,400			(975,350)	(183,250)	(2,641,800)	(3,800,400)
Fire General Administration	385,700	266,200	265,700	258,200	245,700	265,200	258,700	353,700	305,700	263,700	2,868,500		(300,000)	(50,000)	(2,518,500)		(2,868,500)
Fisherville Fire Hall Station #12	9,000	10,000									19,000				(19,000)		(19,000)
Hagersville Fire Hall Station #2								51,000			51,000				(51,000)		(51,000)
Jarvis Fire Hall Station #3		60,000	51,000								111,000				(111,000)		(111,000)
Lowbanks Fire Hall Station #7		23,500									23,500				(23,500)		(23,500)
Selkirk Fire Hall Station #13	9,000						51,000				60,000				(60,000)		(60,000)
South Haldimand Fire Hall Station #11	5,000										5,000				(5,000)		(5,000)
<b>Total Fire</b>	<b>477,700</b>	<b>4,198,000</b>	<b>316,700</b>	<b>309,200</b>	<b>296,700</b>	<b>316,200</b>	<b>4,059,100</b>	<b>404,700</b>	<b>305,700</b>	<b>263,700</b>	<b>10,947,700</b>		<b>(300,000)</b>	<b>(1,935,250)</b>	<b>(3,327,050)</b>	<b>(5,385,400)</b>	<b>(10,947,700)</b>
<b>Total Protection Services</b>	<b>477,700</b>	<b>4,198,000</b>	<b>316,700</b>	<b>309,200</b>	<b>296,700</b>	<b>316,200</b>	<b>4,059,100</b>	<b>404,700</b>	<b>305,700</b>	<b>263,700</b>	<b>10,947,700</b>		<b>(300,000)</b>	<b>(1,935,250)</b>	<b>(3,327,050)</b>	<b>(5,385,400)</b>	<b>(10,947,700)</b>

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST

FIR Category: Protection Services Stage: Draft Budget Fire	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Caledonia Fire Hall Station #1</b>																	
<b>Replacement/State of Good Repair</b>																	
222001 Caledonia Fire Station Replacement		3,791,300									3,791,300			(909,900)	(137,800)	(2,743,600)	(3,791,300)
222003 Auto Extrication Strut Stabilizatr Equip		7,000									7,000				(7,000)		(7,000)
<b>Total Replacement/State of Good Repair</b>		<b>3,798,300</b>									<b>3,798,300</b>			<b>(909,900)</b>	<b>(144,800)</b>	<b>(2,743,600)</b>	<b>(3,798,300)</b>
<b>New/Enhanced Service</b>																	
222004 Auto Extrication Electric Spreaders						19,000					19,000				(19,000)		(19,000)
222005 Auto Extrication Electric Cutter						17,500					17,500				(17,500)		(17,500)
222006 Auto Extrication Electric Ram						14,500					14,500				(14,500)		(14,500)
<b>Total New/Enhanced Service</b>						<b>51,000</b>					<b>51,000</b>				<b>(51,000)</b>		<b>(51,000)</b>
<b>Total Caledonia Fire Hall Station #1</b>		<b>3,798,300</b>				<b>51,000</b>					<b>3,849,300</b>			<b>(909,900)</b>	<b>(195,800)</b>	<b>(2,743,600)</b>	<b>(3,849,300)</b>
<b>Canborough Fire Hall Station #6</b>																	
<b>Replacement/State of Good Repair</b>																	
234004 Furnace Replacement	18,000										18,000				(18,000)		(18,000)
234006 Parking Lot Replacement		40,000									40,000				(40,000)		(40,000)
<b>Total Replacement/State of Good Repair</b>	<b>18,000</b>	<b>40,000</b>									<b>58,000</b>				<b>(58,000)</b>		<b>(58,000)</b>
<b>New/Enhanced Service</b>																	
234002 Auto Extrication Electric Spreaders	19,000										19,000				(19,000)		(19,000)
234003 Auto Extrication Electric Cutters	17,500										17,500				(17,500)		(17,500)
234005 Auto Extrication Electric Ram	14,500										14,500				(14,500)		(14,500)
<b>Total New/Enhanced Service</b>	<b>51,000</b>										<b>51,000</b>				<b>(51,000)</b>		<b>(51,000)</b>
<b>Total Canborough Fire Hall Station #6</b>	<b>69,000</b>	<b>40,000</b>									<b>109,000</b>				<b>(109,000)</b>		<b>(109,000)</b>



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Protection Services Stage: Draft Budget Fire	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Cayuga Fire Hall Station #4</b>																	
<b>New/Enhanced Service</b>																	
225005 Auto Extrication Electric Spreaders				19,000							19,000				(19,000)		(19,000)
225006 Auto Extrication Electric Cutter				17,500							17,500				(17,500)		(17,500)
225007 Auto Extrication Electric Ram				14,500							14,500				(14,500)		(14,500)
<b>Total New/Enhanced Service</b>				<b>51,000</b>							<b>51,000</b>				<b>(51,000)</b>		<b>(51,000)</b>
<b>Total Cayuga Fire Hall Station #4</b>				<b>51,000</b>							<b>51,000</b>				<b>(51,000)</b>		<b>(51,000)</b>
<b>Dunnville Fire Hall Station #9</b>																	
<b>Replacement/State of Good Repair</b>																	
226007 Dunnville Fire Station Replacement							3,749,400				3,749,400			(975,350)	(132,250)	(2,641,800)	(3,749,400)
<b>Total Replacement/State of Good Repair</b>							<b>3,749,400</b>				<b>3,749,400</b>			<b>(975,350)</b>	<b>(132,250)</b>	<b>(2,641,800)</b>	<b>(3,749,400)</b>
<b>New/Enhanced Service</b>																	
226004 Auto Extrication Electric Spreaders					19,000						19,000				(19,000)		(19,000)
226005 Auto Extrication Electric Cutter					17,500						17,500				(17,500)		(17,500)
226006 Auto Extrication Electric Ram					14,500						14,500				(14,500)		(14,500)
<b>Total New/Enhanced Service</b>					<b>51,000</b>						<b>51,000</b>				<b>(51,000)</b>		<b>(51,000)</b>
<b>Total Dunnville Fire Hall Station #9</b>					<b>51,000</b>		<b>3,749,400</b>				<b>3,800,400</b>			<b>(975,350)</b>	<b>(183,250)</b>	<b>(2,641,800)</b>	<b>(3,800,400)</b>
<b>Fire General Administration</b>																	
<b>Replacement/State of Good Repair</b>																	
221001 Nozzles/Appliances	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000				(100,000)		(100,000)
221002 Gas Detection Equipment		5,000		5,000		5,000		5,000		5,000	25,000				(25,000)		(25,000)
221003 Bunker Gear	49,000	51,000	51,000	51,000	51,000	51,000	51,000	51,000	51,000	51,000	508,000				(508,000)		(508,000)
221004 Firefighting Tools	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000			(50,000)	(100,000)		(150,000)

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Protection Services Stage: Draft Budget Fire	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Fire General Administration</b>																	
221005 Hose	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000				(150,000)		(150,000)
221006 Pagers/Portable Radios- Com'n Equip't	34,700	34,700	34,700	34,700	34,700	34,700	34,700	34,700	34,700	34,700	347,000				(347,000)		(347,000)
221007 SCBA Equipment	98,000	98,000	98,000	92,500	85,000	92,500	98,000	98,000	98,000	98,000	956,000				(956,000)		(956,000)
221010 Water and Ice Rescue Suit Replacements	10,000	7,500	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	57,500				(57,500)		(57,500)
221011 Thermal Imaging Camera Replacements								40,000	40,000		80,000				(80,000)		(80,000)
221013 Generators			7,000			7,000			7,000		21,000				(21,000)		(21,000)
221015 Automatic External Defibrillators (14)								50,000			50,000				(50,000)		(50,000)
221016 Porta Tank Replacements	21,000										21,000				(21,000)		(21,000)
<b>Total Replacement/State of Good Repair</b>	<b>252,700</b>	<b>236,200</b>	<b>235,700</b>	<b>228,200</b>	<b>215,700</b>	<b>235,200</b>	<b>228,700</b>	<b>323,700</b>	<b>275,700</b>	<b>233,700</b>	<b>2,465,500</b>			(50,000)	(2,415,500)		(2,465,500)
<b>New/Enhanced Service</b>																	
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)
221017 Fire Hydrant Testing and Identification	68,000										68,000				(68,000)		(68,000)
221018 Firefighting Particulate Hoods	35,000										35,000				(35,000)		(35,000)
<b>Total New/Enhanced Service</b>	<b>133,000</b>	<b>30,000</b>	<b>403,000</b>		(300,000)		(103,000)		(403,000)								
<b>Total Fire General Administration</b>	<b>385,700</b>	<b>266,200</b>	<b>265,700</b>	<b>258,200</b>	<b>245,700</b>	<b>265,200</b>	<b>258,700</b>	<b>353,700</b>	<b>305,700</b>	<b>263,700</b>	<b>2,868,500</b>		(300,000)	(50,000)	(2,518,500)		(2,868,500)
<b>Fisherville Fire Hall Station #12</b>																	
<b>Replacement/State of Good Repair</b>																	
233006 Furnace Replacement		10,000									10,000				(10,000)		(10,000)
<b>Total Replacement/State of Good Repair</b>		<b>10,000</b>									<b>10,000</b>				<b>(10,000)</b>		<b>(10,000)</b>
<b>New/Enhanced Service</b>																	
233007 Bunker Gear Racks	9,000										9,000				(9,000)		(9,000)
<b>Total New/Enhanced Service</b>	<b>9,000</b>										<b>9,000</b>				<b>(9,000)</b>		<b>(9,000)</b>

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST

FIR Category: Protection Services Stage: Draft Budget Fire	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Total Fisherville Fire Hall Station #12</b>	9,000	10,000									19,000				(19,000)		(19,000)
Hagersville Fire Hall Station #2																	
<b>New/Enhanced Service</b>																	
223004 Auto Extrication Electric Spreaders								19,000			19,000				(19,000)		(19,000)
223005 Auto Extrication Electric Cutter								17,500			17,500				(17,500)		(17,500)
223006 Auto Extrication Electric Ram								14,500			14,500				(14,500)		(14,500)
<b>Total New/Enhanced Service</b>								51,000			51,000				(51,000)		(51,000)
<b>Total Hagersville Fire Hall Station #2</b>								51,000			51,000				(51,000)		(51,000)
Jarvis Fire Hall Station #3																	
<b>Replacement/State of Good Repair</b>																	
224006 Parking Lot Replacement/Expansion		60,000									60,000				(60,000)		(60,000)
<b>Total Replacement/State of Good Repair</b>		60,000									60,000				(60,000)		(60,000)
<b>New/Enhanced Service</b>																	
224007 Auto Extrication Electric Spreaders			19,000								19,000				(19,000)		(19,000)
224008 Auto Extrication Electric Cutters			17,500								17,500				(17,500)		(17,500)
224009 Auto Extrication Electric Ram			14,500								14,500				(14,500)		(14,500)
<b>Total New/Enhanced Service</b>			51,000								51,000				(51,000)		(51,000)
<b>Total Jarvis Fire Hall Station #3</b>		60,000	51,000								111,000				(111,000)		(111,000)
Lowbanks Fire Hall Station #7																	
<b>New/Enhanced Service</b>																	
229004 Auto Extrication Airbags		7,500									7,500				(7,500)		(7,500)
229005 Auto Extrication Stabilization Struts		7,000									7,000				(7,000)		(7,000)
229006 Auto Extrication Mini-Spreader		5,000									5,000				(5,000)		(5,000)

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



## HALDIMAND COUNTY

2020 to 2029 CAPITAL FORECAST

FIR Category: Protection Services Stage: Draft Budget Fire	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing		
<b>Lowbanks Fire Hall Station #7</b>																			
229007 Auto Extrication Mini-Cutter		4,000									4,000				(4,000)		(4,000)		
<b>Total New/Enhanced Service</b>		<b>23,500</b>									<b>23,500</b>				<b>(23,500)</b>		<b>(23,500)</b>		
<b>Total Lowbanks Fire Hall Station #7</b>		<b>23,500</b>									<b>23,500</b>				<b>(23,500)</b>		<b>(23,500)</b>		
<b>Selkirk Fire Hall Station #13</b>																			
<b>New/Enhanced Service</b>																			
228007 Auto Extrication Mini-Spreader	5,000										5,000				(5,000)		(5,000)		
228008 Auto Extrication Mini-Cutter	4,000										4,000				(4,000)		(4,000)		
228009 Auto Extrication Electric Spreaders							19,000				19,000				(19,000)		(19,000)		
228010 Auto Extrication Electric Cutter							17,500				17,500				(17,500)		(17,500)		
228011 Auto Extrication Electric Ram							14,500				14,500				(14,500)		(14,500)		
<b>Total New/Enhanced Service</b>	<b>9,000</b>						<b>51,000</b>				<b>60,000</b>				<b>(60,000)</b>		<b>(60,000)</b>		
<b>Total Selkirk Fire Hall Station #13</b>	<b>9,000</b>						<b>51,000</b>				<b>60,000</b>				<b>(60,000)</b>		<b>(60,000)</b>		
<b>South Haldimand Fire Hall Station #11</b>																			
<b>New/Enhanced Service</b>																			
235006 Auto Extrication Mini-Spreader	5,000										5,000				(5,000)		(5,000)		
<b>Total New/Enhanced Service</b>	<b>5,000</b>										<b>5,000</b>				<b>(5,000)</b>		<b>(5,000)</b>		
<b>Total South Haldimand Fire Hall Station #11</b>	<b>5,000</b>										<b>5,000</b>				<b>(5,000)</b>		<b>(5,000)</b>		
<b>Total Fire</b>	<b>477,700</b>	<b>4,198,000</b>	<b>316,700</b>	<b>309,200</b>	<b>296,700</b>	<b>316,200</b>	<b>4,059,100</b>	<b>404,700</b>	<b>305,700</b>	<b>263,700</b>	<b>10,947,700</b>				<b>(300,000)</b>	<b>(1,935,250)</b>	<b>(3,327,050)</b>	<b>(5,385,400)</b>	<b>(10,947,700)</b>



**Haldimand**  
County

Transportation Services



**Haldimand**  
County



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST  
SUMMARY

<b>FIR Category: Transportation Services</b> <b>Stage: Draft Budget</b>	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	<b>Total Expenditures</b>	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/ure Financing	<b>Total Financing</b>
Roads Facilities	44,000	44,000	298,900	44,000	110,300	44,000	44,000	44,000	347,400	44,000	1,064,600			(20,000)	(1,044,600)		(1,064,600)
<b>Total Roads Facilities</b>	<b>44,000</b>	<b>44,000</b>	<b>298,900</b>	<b>44,000</b>	<b>110,300</b>	<b>44,000</b>	<b>44,000</b>	<b>44,000</b>	<b>347,400</b>	<b>44,000</b>	<b>1,064,600</b>			<b>(20,000)</b>	<b>(1,044,600)</b>		<b>(1,064,600)</b>
Road Reconstruction	740,000	6,420,000	630,000	310,000							8,100,000			(5,900,000)	(2,200,000)		(8,100,000)
<b>Total Road Reconstruction</b>	<b>740,000</b>	<b>6,420,000</b>	<b>630,000</b>	<b>310,000</b>							<b>8,100,000</b>			<b>(5,900,000)</b>	<b>(2,200,000)</b>		<b>(8,100,000)</b>
Hot Mix Resurfacing	4,032,000	4,415,000	3,917,000	4,335,000	4,750,000	3,819,000	4,430,000	3,935,000	3,910,000	2,800,000	40,343,000	(6,703,370)	(750,000)		(32,889,630)		(40,343,000)
<b>Total Hot Mix Resurfacing</b>	<b>4,032,000</b>	<b>4,415,000</b>	<b>3,917,000</b>	<b>4,335,000</b>	<b>4,750,000</b>	<b>3,819,000</b>	<b>4,430,000</b>	<b>3,935,000</b>	<b>3,910,000</b>	<b>2,800,000</b>	<b>40,343,000</b>	<b>(6,703,370)</b>	<b>(750,000)</b>		<b>(32,889,630)</b>		<b>(40,343,000)</b>
Bridges		1,515,000	2,450,000	3,213,500	2,350,000	2,295,000	1,835,000	1,081,000	2,565,000	1,760,000	19,064,500			(1,368,500)	(17,696,000)		(19,064,500)
Culverts		590,000	950,000	357,000			204,000	1,305,000		450,000	3,856,000				(3,856,000)		(3,856,000)
Retaining Walls	300,000	150,000	400,000	150,000							1,000,000				(1,000,000)		(1,000,000)
Structure Inspections and Engineering	315,000	387,000	318,000	385,000	330,000	387,000	304,000	398,000	300,000	365,000	3,489,000				(3,489,000)		(3,489,000)
<b>Total Structure Projects</b>	<b>615,000</b>	<b>2,642,000</b>	<b>4,118,000</b>	<b>4,105,500</b>	<b>2,680,000</b>	<b>2,682,000</b>	<b>2,343,000</b>	<b>2,784,000</b>	<b>2,865,000</b>	<b>2,575,000</b>	<b>27,409,500</b>			<b>(1,368,500)</b>	<b>(26,041,000)</b>		<b>(27,409,500)</b>
Caledonia Urban Paving	530,000	724,000	1,848,800		2,090,800	1,337,600	2,787,500	755,800	894,100		10,968,600				(10,968,600)		(10,968,600)
Canborough Urban Paving									60,000		60,000				(60,000)		(60,000)
Canfield Urban Paving									142,200		142,200				(142,200)		(142,200)
Cayuga Urban Paving							76,400		1,165,200	199,200	1,440,800				(1,440,800)		(1,440,800)
Dunnville Urban Paving				1,291,200						576,600	1,867,800				(1,867,800)		(1,867,800)
Hagersville Urban Paving			22,800								22,800				(22,800)		(22,800)
Jarvis Urban Paving					114,600						114,600				(114,600)		(114,600)
Lowbanks Urban Paving											171,600				(171,600)		(171,600)
Peacock Point Urban Paving								14,300		261,800	276,100				(276,100)		(276,100)
Springvale Urban Paving									168,200		168,200				(168,200)		(168,200)
York Urban Paving								633,440			633,440				(633,440)		(633,440)
<b>Total Urban Paving Programs</b>	<b>530,000</b>	<b>724,000</b>	<b>1,871,600</b>	<b>1,291,200</b>	<b>2,205,400</b>	<b>1,337,600</b>	<b>2,863,900</b>	<b>1,403,540</b>	<b>2,429,700</b>	<b>1,209,200</b>	<b>15,866,140</b>				<b>(15,866,140)</b>		<b>(15,866,140)</b>
Miscellaneous Paving										168,300	168,300				(168,300)		(168,300)
<b>Total Miscellaneous Paving</b>										<b>168,300</b>	<b>168,300</b>				<b>(168,300)</b>		<b>(168,300)</b>
Surface Treatment Program	1,800,000	1,700,000	2,690,000	2,530,000	2,950,000	2,680,000	3,020,000	2,980,000	3,200,000	3,290,000	26,840,000	(7,220,000)	(725,000)		(18,895,000)		(26,840,000)
<b>Total Surface Treatment Program</b>	<b>1,800,000</b>	<b>1,700,000</b>	<b>2,690,000</b>	<b>2,530,000</b>	<b>2,950,000</b>	<b>2,680,000</b>	<b>3,020,000</b>	<b>2,980,000</b>	<b>3,200,000</b>	<b>3,290,000</b>	<b>26,840,000</b>	<b>(7,220,000)</b>	<b>(725,000)</b>		<b>(18,895,000)</b>		<b>(26,840,000)</b>
Gravel Road Conversion Program	6,569,990	3,786,590	3,791,890	2,655,490	565,600	365,400					17,734,960	(8,172,350)	(157,350)	(1,183,260)	(8,222,000)		(17,734,960)
<b>Total Gravel Road Conversion</b>	<b>6,569,990</b>	<b>3,786,590</b>	<b>3,791,890</b>	<b>2,655,490</b>	<b>565,600</b>	<b>365,400</b>					<b>17,734,960</b>	<b>(8,172,350)</b>	<b>(157,350)</b>	<b>(1,183,260)</b>	<b>(8,222,000)</b>		<b>(17,734,960)</b>
Municipal Drain Maintenance	207,300	168,100	442,700	382,000	286,500	263,300	282,400	265,100	285,200	246,300	2,828,900	(366,780)	(1,809,410)		(652,710)		(2,828,900)
Municipal Drains Construction		75,000	157,700	101,800							334,500		(286,050)		(48,450)		(334,500)

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST  
SUMMARY

FIR Category: Transportation Services Stage: Draft Budget	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/ure Financing	Total Financing
<b>Total Municipal Drains</b>	<b>207,300</b>	<b>243,100</b>	<b>600,400</b>	<b>483,800</b>	<b>286,500</b>	<b>263,300</b>	<b>282,400</b>	<b>265,100</b>	<b>285,200</b>	<b>246,300</b>	<b>3,163,400</b>	<b>(366,780)</b>	<b>(2,095,460)</b>		<b>(701,160)</b>		<b>(3,163,400)</b>
Bridge & Culvert (<3m) Maintenance	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,000,000				(2,000,000)		(2,000,000)
Hardtop Surface & Shoulder Maintenance	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000				(2,500,000)		(2,500,000)
Miscellaneous Construction	4,898,000	35,000	35,000	452,000	35,000	35,000	35,000	35,000	35,000	35,000	5,630,000	(4,216,600)		(293,500)	(1,119,900)		(5,630,000)
Signage and Safety Devices	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000				(1,000,000)		(1,000,000)
Storm Sewer/Catch Basin Maintenance	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	600,000				(600,000)		(600,000)
Street Lighting	50,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	185,000				(185,000)		(185,000)
Technical Studies	100,000	125,000	155,000	80,000	80,000	365,000	175,000	100,000	80,000	80,000	1,340,000			(315,000)	(1,025,000)		(1,340,000)
Traffic Signals		15,000					15,000				30,000				(30,000)		(30,000)
<b>Total Other Roadwork</b>	<b>5,658,000</b>	<b>800,000</b>	<b>815,000</b>	<b>1,157,000</b>	<b>740,000</b>	<b>1,025,000</b>	<b>850,000</b>	<b>760,000</b>	<b>740,000</b>	<b>740,000</b>	<b>13,285,000</b>	<b>(4,216,600)</b>		<b>(608,500)</b>	<b>(8,459,900)</b>		<b>(13,285,000)</b>
<b>Total Transportation Services</b>	<b>20,196,290</b>	<b>20,774,690</b>	<b>18,732,790</b>	<b>16,911,990</b>	<b>14,287,800</b>	<b>12,216,300</b>	<b>13,833,300</b>	<b>12,171,640</b>	<b>13,777,300</b>	<b>11,072,800</b>	<b>153,974,900</b>	<b>(26,679,100)</b>	<b>(3,727,810)</b>	<b>(9,080,260)</b>	<b>(114,487,730)</b>		<b>(153,974,900)</b>

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST

<b>FIR Category: Transportation Services</b>												<b>Total Expenditures</b>	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	<b>Total Financing</b>
<b>Stage: Draft Budget</b>																		
<b>Roads Facilities</b>																		
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029								
<b>Roads Facilities</b>																		
<b>Replacement/State of Good Repair</b>																		
322001 Sand and Salt Dome Minor Repairs	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	<b>40,000</b>			(40,000)		<b>(40,000)</b>		
322003 Operations Buildings- Repairs/Renovations	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	<b>400,000</b>			(400,000)		<b>(400,000)</b>		
322005 Facility Condition Assess (4) Facilities			40,000								<b>40,000</b>		(20,000)	(20,000)		<b>(40,000)</b>		
322014 Dunnville - Salt Dome Fabric Replacement			85,000								<b>85,000</b>			(85,000)		<b>(85,000)</b>		
322015 Walpole Yard - Roof Deck - Main Bldg, Office, Garage			129,900								<b>129,900</b>			(129,900)		<b>(129,900)</b>		
322016 Dunnville Roads Yard - Roof Deck - Office Flat Roof					66,300						<b>66,300</b>			(66,300)		<b>(66,300)</b>		
322017 Dunnville Roads Yard - Sloped Roof Deck - Main Building Garage									303,400		<b>303,400</b>			(303,400)		<b>(303,400)</b>		
<b>Total Replacement/State of Good Repair</b>	<b>44,000</b>	<b>44,000</b>	<b>298,900</b>	<b>44,000</b>	<b>110,300</b>	<b>44,000</b>	<b>44,000</b>	<b>44,000</b>	<b>347,400</b>	<b>44,000</b>	<b>1,064,600</b>		(20,000)	(1,044,600)		<b>(1,064,600)</b>		
<b>Total Roads Facilities</b>	<b>44,000</b>	<b>44,000</b>	<b>298,900</b>	<b>44,000</b>	<b>110,300</b>	<b>44,000</b>	<b>44,000</b>	<b>44,000</b>	<b>347,400</b>	<b>44,000</b>	<b>1,064,600</b>		(20,000)	(1,044,600)		<b>(1,064,600)</b>		
<b>Total Roads Facilities</b>	<b>44,000</b>	<b>44,000</b>	<b>298,900</b>	<b>44,000</b>	<b>110,300</b>	<b>44,000</b>	<b>44,000</b>	<b>44,000</b>	<b>347,400</b>	<b>44,000</b>	<b>1,064,600</b>		(20,000)	(1,044,600)		<b>(1,064,600)</b>		

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



# HALDIMAND COUNTY

## 2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
<b>Road Reconstruction</b>																			
<b>Replacement/State of Good Repair</b>																			
372008	Cay - Ouse St S - Talbot to Tuscarora [CIW]	220,000										220,000				(220,000)		(220,000)	
372009	Cay - Chippewa St W - Ottawa to Cayuga [CIW]	150,000										150,000				(150,000)		(150,000)	
372010	Cay - Seneca St S - Tuscarora to McKay [CIW]	100,000										100,000				(100,000)		(100,000)	
372011	Cay - Cayuga St S - Seneca to Brant [CIW]	100,000										100,000				(100,000)		(100,000)	
372012	Cay - Brant St - Ouse St S to Cayuga St S [CIW]	50,000										50,000				(50,000)		(50,000)	
372013	Cal - Blair St - Caithness to Park Lane [CIW]		100,000									100,000				(100,000)		(100,000)	
372014	Cal - Cameron St - Caithness to Ross [CIW]		120,000									120,000				(120,000)		(120,000)	
372015	Cal - Park Lane - Inverness to end [CIW]		150,000									150,000				(150,000)		(150,000)	
372016	Cal - Queen Ave - Caithness to end [CIW]		150,000									150,000				(150,000)		(150,000)	
372017	Cay - Ouse St N - Talbot to Cayuga St N [CIW]			220,000								220,000				(220,000)		(220,000)	
372018	Cay - Johnston St - Echo to end [CIW]			10,000								10,000				(10,000)		(10,000)	
372019	Cay - Kerr St E - Winniet to 100 m west of Winniet [CIW]			80,000								80,000				(80,000)		(80,000)	
372020	Cay - Norton St E - Winniet to 60 m west of Winniet [CIW]			30,000								30,000				(30,000)		(30,000)	
372021	Hag - Victoria St - Tuscarora to Main St N [CIW]				200,000							200,000				(200,000)		(200,000)	
372022	Hag - Foundry St - Tuscarora to end [CIW]				40,000							40,000				(40,000)		(40,000)	
372023	Dun - Alley way - Broad to Central Lane [CIW]				50,000							50,000				(50,000)		(50,000)	
372024	Dun - Main St E - 710 Main E to 50 m south [CIW]				20,000							20,000				(20,000)		(20,000)	
372025	Cay - Norton St W - Ottawa St West to End [W]			60,000								60,000				(60,000)		(60,000)	

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Debture Financing	Total Financing	
<b>Road Reconstruction</b>																			
Road Reconstruction																			
372026	Cay - Kerr St W - Ottawa St to Munsee [W]			80,000								80,000				(80,000)		(80,000)	
372027	Cay - Mohawk St E - Winniet East to End [W]			150,000								150,000				(150,000)		(150,000)	
372028	Cay - McKay St W - Seneca to Ottawa [W]	60,000										60,000				(60,000)		(60,000)	
372029	Cay - McKay St E - Thorburn to Fisher Carrier	60,000										60,000				(60,000)		(60,000)	
<b>Total Replacement/State of Good Repair</b>		<b>740,000</b>	<b>520,000</b>	<b>630,000</b>	<b>310,000</b>							<b>2,200,000</b>				<b>(2,200,000)</b>		<b>(2,200,000)</b>	
<b>New/Enhanced Service</b>																			
372007	Caledonia Arterial Road		5,900,000									5,900,000			(5,900,000)			(5,900,000)	
<b>Total New/Enhanced Service</b>			<b>5,900,000</b>									<b>5,900,000</b>			<b>(5,900,000)</b>			<b>(5,900,000)</b>	
<b>Total Road Reconstruction</b>		<b>740,000</b>	<b>6,420,000</b>	<b>630,000</b>	<b>310,000</b>							<b>8,100,000</b>			<b>(5,900,000)</b>	<b>(2,200,000)</b>		<b>(8,100,000)</b>	
<b>Total Road Reconstruction</b>		<b>740,000</b>	<b>6,420,000</b>	<b>630,000</b>	<b>310,000</b>							<b>8,100,000</b>			<b>(5,900,000)</b>	<b>(2,200,000)</b>		<b>(8,100,000)</b>	

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



# HALDIMAND COUNTY

## 2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing	
<b>Hot Mix Resurfacing</b>																			
Hot Mix Resurfacing																			
<b>Replacement/State of Good Repair</b>																			
373014	Rainham Rd-Sandusk Rd to Cheapside Rd	1,092,000										1,092,000	(1,092,000)						(1,092,000)
373015	Rainham Rd- Cheapside Rd to Hald Rd 53	900,000										900,000	(713,470)			(186,530)			(900,000)
373016	Rainham Road - Sandusk to Haldimand Rd 55	940,000										940,000	(922,900)			(17,100)			(940,000)
373017	Hald Rd 20 - Kohler Rd to Hald/Dunn Townline		3,975,000									3,975,000	(3,975,000)						(3,975,000)
373018	King Street West - Tracks to Concession 13		440,000									440,000				(440,000)			(440,000)
373019	Haldimand Road 20 – Haldimand Rd 12 to Kohler Road			1,650,000								1,650,000				(1,650,000)			(1,650,000)
373020	Hald Rd 54- Ross St to Onondaga Townline Rd			1,150,000								1,150,000				(1,150,000)			(1,150,000)
373021	Hald Rd 20 - Nelles Cors to Hald Rd 12			775,000								775,000				(775,000)			(775,000)
373022	Hald Rd 20 - Hald Rd 53 to Nelles Cors			342,000								342,000				(342,000)			(342,000)
373023	Hald Rd 54 - York North Limit to McClung				1,250,000							1,250,000				(1,250,000)			(1,250,000)
373024	Haldimand Rd 54 - Indiana Rd to Indian St				1,090,000							1,090,000				(1,090,000)			(1,090,000)
373025	Hald Rd 54 - York South Limit to Indiana				1,025,000							1,025,000				(1,025,000)			(1,025,000)
373027	Front Street - York North Limit to South Limit				220,000							220,000				(220,000)			(220,000)
373028	Hald Rd 55 - Rainham Rd to Conc 4 Walpole					2,300,000						2,300,000				(2,300,000)			(2,300,000)
373029	Haldimand Road 3 - Hald Rd 55 to Hald Rd 70					2,200,000						2,200,000				(2,200,000)			(2,200,000)
373030	Hawk St - Hald Rd 3 north to Nelson Steel entrance					250,000						250,000				(250,000)			(250,000)
373031	Rainham Rd – Hald Rd 49 to Hald Rd 20						1,065,000					1,065,000				(1,065,000)			(1,065,000)
373032	Mines Rd - Greens Rd E to Haldibrook Rd						900,000					900,000				(900,000)			(900,000)
373033	Caistorville Rd - Hald/Dunn Townline to Niagara						774,000					774,000				(774,000)			(774,000)

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



# HALDIMAND COUNTY

## 2020 to 2029 CAPITAL FORECAST

FIR Category: <b>Transportation Services</b> Stage: <b>Draft Budget</b> <b>Hot Mix Resurfacing</b>	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Hot Mix Resurfacing</b>																	
373034 Kohler Rd - Irish Line to Hwy #3						520,000					520,000				(520,000)		(520,000)
373035 Parkview Rd - Main St to King St						400,000					400,000				(400,000)		(400,000)
373036 King Street East - Parkview Rd to Urban Limits						160,000					160,000				(160,000)		(160,000)
373037 Port Maitland Rd - Rainham Rd to Lighthouse Dr							1,480,000				1,480,000				(1,480,000)		(1,480,000)
373038 Caistorville Rd-Hald Rd 14 to Hald/Dunn Twn							1,095,000				1,095,000				(1,095,000)		(1,095,000)
373039 Hald Rd 27 - Hald Rd 20 to Sandusk							1,055,000				1,055,000				(1,055,000)		(1,055,000)
373040 Rainham Rd - Hald Rd 49 to Hald/Dunn Twn							800,000				800,000				(800,000)		(800,000)
373041 Hald Rd 12 - Rainham Rd to Fisherville Town Limits								1,350,000			1,350,000				(1,350,000)		(1,350,000)
373042 Haldimand Rd 55 - Rd 9 to Rd 20								1,200,000			1,200,000				(1,200,000)		(1,200,000)
373043 Hald Rd 12 - Fisherville Town Limits to Hald Rd 20								885,000			885,000				(885,000)		(885,000)
373044 Haldimand Rd 70 - Hwy 3 to Hwy 6								500,000			500,000				(500,000)		(500,000)
373045 Haldimand Hwy 56 - Hwy 3 to Haldibrook Rd									2,700,000		2,700,000				(2,700,000)		(2,700,000)
373046 Hutchinson Rd - N Shore to Canal Bank Rd									1,010,000		1,010,000				(1,010,000)		(1,010,000)
373047 Caledonia - Industrial Drive									200,000		200,000				(200,000)		(200,000)
373048 River Road - Caledonia to Haldimand Road 9										1,175,000	1,175,000				(1,175,000)		(1,175,000)
373049 Hald Rd 55 Hwy 6 to Hald Rd 9										1,003,000	1,003,000				(1,003,000)		(1,003,000)
373050 Brooklin Road - South Coast to Hald Rd 3										622,000	622,000				(622,000)		(622,000)
<b>Total Replacement/State of Good Repair</b>	<b>2,932,000</b>	<b>4,415,000</b>	<b>3,917,000</b>	<b>3,585,000</b>	<b>4,750,000</b>	<b>3,819,000</b>	<b>4,430,000</b>	<b>3,935,000</b>	<b>3,910,000</b>	<b>2,800,000</b>	<b>38,493,000</b>	<b>(6,703,370)</b>			<b>(31,789,630)</b>		<b>(38,493,000)</b>
<b>New/Enhanced Service</b>																	
373026 Cay-Thorburn St S-Talbot to Urban Limit				750,000							750,000		(750,000)				(750,000)
373051 Argyle Haddington Road Reconstruction - Signalization	1,100,000										1,100,000				(1,100,000)		(1,100,000)

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget <b>Hot Mix Resurfacing</b>	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	<b>Total Expenditures</b>	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Financing	<b>Total Financing</b>
Hot Mix Resurfacing																	
<b>Total New/Enhanced Service</b>	1,100,000			750,000							1,850,000		(750,000)		(1,100,000)		(1,850,000)
<b>Total Hot Mix Resurfacing</b>	4,032,000	4,415,000	3,917,000	4,335,000	4,750,000	3,819,000	4,430,000	3,935,000	3,910,000	2,800,000	40,343,000	(6,703,370)	(750,000)		(32,889,630)		(40,343,000)
<b>Total Hot Mix Resurfacing</b>	4,032,000	4,415,000	3,917,000	4,335,000	4,750,000	3,819,000	4,430,000	3,935,000	3,910,000	2,800,000	40,343,000	(6,703,370)	(750,000)		(32,889,630)		(40,343,000)

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



# HALDIMAND COUNTY

## 2020 to 2029 CAPITAL FORECAST

FIR Category: <b>Transportation Services</b> Stage: <b>Draft Budget</b> <b>Structure Projects</b>		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
<b>Bridges</b>																			
<b>Replacement/State of Good Repair</b>																			
374021	County Hwy 54 Bridge removal (985401)									1,000,000		<b>1,000,000</b>				(1,000,000)		<b>(1,000,000)</b>	
374025	Townline Bridge Replacement (D00005)			1,700,000								<b>1,700,000</b>				(1,700,000)		<b>(1,700,000)</b>	
374026	Balmoral Bridge Replace (985301)										1,760,000	<b>1,760,000</b>				(1,760,000)		<b>(1,760,000)</b>	
374028	Sunny Bank Park - Bridge Rehab (000019)							204,000				<b>204,000</b>				(204,000)		<b>(204,000)</b>	
374033	Wilkins Bridge Conc 5 Walpole Rehab (010012)			750,000								<b>750,000</b>				(750,000)		<b>(750,000)</b>	
374035	Conc 6 Bridge, Walpole Replacement (010076)						445,000					<b>445,000</b>				(445,000)		<b>(445,000)</b>	
374039	Lot 18/19 Conc 3 Walpole 010008 Rehab				845,000							<b>845,000</b>				(845,000)		<b>(845,000)</b>	
374041	Boston Creek Bridge (980905) Rehab						1,150,000					<b>1,150,000</b>				(1,150,000)		<b>(1,150,000)</b>	
374043	Reicheld Bridge Conc 5 Walpole Rehab (010020)		850,000									<b>850,000</b>				(850,000)		<b>(850,000)</b>	
374044	Cheapside Bridge Rehab (010004)							550,000				<b>550,000</b>				(550,000)		<b>(550,000)</b>	
374045	Indiana Road Bridge Rehab (000033)					400,000						<b>400,000</b>				(400,000)		<b>(400,000)</b>	
374046	River Rd Bridge N - Cayuga Rehab (000017)				500,000							<b>500,000</b>				(500,000)		<b>(500,000)</b>	
374047	Moote Road Bridge Rehab (D00003)					700,000						<b>700,000</b>				(700,000)		<b>(700,000)</b>	
374048	County Road 29 Bridge Rehab (982901)						700,000					<b>700,000</b>				(700,000)		<b>(700,000)</b>	
374051	Peart Bridge - River Rd Rehab (000032)					1,250,000						<b>1,250,000</b>				(1,250,000)		<b>(1,250,000)</b>	
374052	Oswego Bridge Rehab (981501)		665,000									<b>665,000</b>				(665,000)		<b>(665,000)</b>	
374053	Townline Bridge Replacement								321,000			<b>321,000</b>				(321,000)		<b>(321,000)</b>	
374054	Hart Rd Bridge Rehab (D00002)							306,000				<b>306,000</b>				(306,000)		<b>(306,000)</b>	
374055	Townline Bridge N - Cay/Sen Replac (000023)									760,000		<b>760,000</b>				(760,000)		<b>(760,000)</b>	

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: <b>Transportation Services</b> Stage: <b>Draft Budget</b> <b>Structure Projects</b>	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Bridges</b>																	
374058 Montague Bridge Rehab (010024)				500,000							500,000				(500,000)		(500,000)
374059 Hobb's Bridge Rehab (010005)							775,000				775,000				(775,000)		(775,000)
374062 Stone Quarry Road Bridge (Rehab) 010044									615,000		615,000				(615,000)		(615,000)
374063 Townline Road Bridge Walpole/Rainham (Rehab) 010001									950,000		950,000				(950,000)		(950,000)
<b>Total Replacement/State of Good Repair</b>		<b>1,515,000</b>	<b>2,450,000</b>	<b>1,845,000</b>	<b>2,350,000</b>	<b>2,295,000</b>	<b>1,835,000</b>	<b>1,081,000</b>	<b>2,565,000</b>	<b>1,760,000</b>	<b>17,696,000</b>				<b>(17,696,000)</b>		<b>(17,696,000)</b>
<b>New/Enhanced Service</b>																	
374037 Cal-Argyle St Bridge Replacement (MTO)				1,368,500							1,368,500			(1,368,500)			(1,368,500)
<b>Total New/Enhanced Service</b>				<b>1,368,500</b>							<b>1,368,500</b>			<b>(1,368,500)</b>			<b>(1,368,500)</b>
<b>Total Bridges</b>		<b>1,515,000</b>	<b>2,450,000</b>	<b>3,213,500</b>	<b>2,350,000</b>	<b>2,295,000</b>	<b>1,835,000</b>	<b>1,081,000</b>	<b>2,565,000</b>	<b>1,760,000</b>	<b>19,064,500</b>			<b>(1,368,500)</b>	<b>(17,696,000)</b>		<b>(19,064,500)</b>
<b>Culverts</b>																	
<b>Replacement/State of Good Repair</b>																	
374011 Sandusk Crk Culvert Replac Walpole (030034)			500,000								500,000				(500,000)		(500,000)
374019 Hart Rd Drain Replacement (D00005C)			450,000								450,000				(450,000)		(450,000)
374022 Indian Line Culvert Rehab (982002)		310,000									310,000				(310,000)		(310,000)
374023 Third Line Culvert Rehab (000072)		280,000									280,000				(280,000)		(280,000)
374036 Conc 2 Culvert Seneca Rehab (000069)								550,000			550,000				(550,000)		(550,000)
374040 Lowbanks Culvert (970311) Rehab				357,000							357,000				(357,000)		(357,000)
374049 Haldimand Rd 56 Culvert Rehab (975604)								255,000			255,000				(255,000)		(255,000)
374050 Haldimand Rd 56 Culvert Rehab (975605)										450,000	450,000				(450,000)		(450,000)
374060 Mud Street Culvert Replacement (980907)								500,000			500,000				(500,000)		(500,000)
374061 Caithness Street Culvert Rehab (000006-C)							204,000				204,000				(204,000)		(204,000)

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Future Financing	Total Financing
2020	2021	2022	2023	2024	2025	2026	2027	2028	2029								
<b>Structure Projects</b>																	
Culverts																	
<b>Total Replacement/State of Good Repair</b>											<b>3,856,000</b>				<b>(3,856,000)</b>		<b>(3,856,000)</b>
<b>Total Culverts</b>											<b>3,856,000</b>				<b>(3,856,000)</b>		<b>(3,856,000)</b>
Retaining Walls																	
<b>Replacement/State of Good Repair</b>																	
374016	Hald Rd 9 at Shannon St - Retaining Wall Repl (19)	150,000										<b>150,000</b>				<b>(150,000)</b>	<b>(150,000)</b>
374020	Hald Rd 9 at Merritt St - Retaining Wall Repl (18)	150,000										<b>150,000</b>				<b>(150,000)</b>	<b>(150,000)</b>
374029	240-246 Caithness St W - Retaining Wall Repl (10)		150,000									<b>150,000</b>				<b>(150,000)</b>	<b>(150,000)</b>
374034	62-48 Caithness St W - Retaining Wall Repl (13)			400,000								<b>400,000</b>				<b>(400,000)</b>	<b>(400,000)</b>
374042	286 Caithness St E - Retaining Wall Repl (17)				150,000							<b>150,000</b>				<b>(150,000)</b>	<b>(150,000)</b>
<b>Total Replacement/State of Good Repair</b>											<b>1,000,000</b>				<b>(1,000,000)</b>		<b>(1,000,000)</b>
<b>Total Retaining Walls</b>											<b>1,000,000</b>				<b>(1,000,000)</b>		<b>(1,000,000)</b>
Structure Inspections and Engineering																	
<b>Replacement/State of Good Repair</b>																	
374001	Annual Bridge Engineering	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000		<b>3,000,000</b>				<b>(3,000,000)</b>	<b>(3,000,000)</b>
374002	OSIM Inspections		65,000		65,000		65,000		65,000		65,000	<b>325,000</b>				<b>(325,000)</b>	<b>(325,000)</b>
374003	Deck Condition Surveys	15,000	7,000	18,000	20,000	15,000	22,000	4,000	18,000			<b>119,000</b>				<b>(119,000)</b>	<b>(119,000)</b>
374024	Retaining Wall Inspections		15,000			15,000			15,000			<b>45,000</b>				<b>(45,000)</b>	<b>(45,000)</b>
<b>Total Replacement/State of Good Repair</b>											<b>3,489,000</b>				<b>(3,489,000)</b>		<b>(3,489,000)</b>
<b>Total Structure Inspections and Engineering</b>											<b>3,489,000</b>				<b>(3,489,000)</b>		<b>(3,489,000)</b>
<b>Total Structure Projects</b>											<b>27,409,500</b>			<b>(1,368,500)</b>	<b>(26,041,000)</b>		<b>(27,409,500)</b>

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
2020	2021	2022	2023	2024	2025	2026	2027	2028	2029									
<b>Urban Paving Programs</b>																		
Caledonia Urban Paving																		
<b>Replacement/State of Good Repair</b>																		
376036	Cal- Orkney East - Argyle to Banff	530,000										<b>530,000</b>					(530,000)	<b>(530,000)</b>
376037	Cal- Morrison Rd-Ross St to east end		450,000									<b>450,000</b>					(450,000)	<b>(450,000)</b>
376038	Cal- Ross St-Orkney W to Morrison		111,000									<b>111,000</b>					(111,000)	<b>(111,000)</b>
376039	Cal- Dumfries - Orkney W to Morrison		88,000									<b>88,000</b>					(88,000)	<b>(88,000)</b>
376040	Cal- Munro Ct-Ross to end		40,000									<b>40,000</b>					(40,000)	<b>(40,000)</b>
376041	Cal- Leith Crt - Morrison to end		35,000									<b>35,000</b>					(35,000)	<b>(35,000)</b>
376042	Cal- Highland Blvd - Tartan to E limit			690,000								<b>690,000</b>					(690,000)	<b>(690,000)</b>
376043	Cal- Buchanan - N end to Highland			410,400								<b>410,400</b>					(410,400)	<b>(410,400)</b>
376044	Cal- Douglas Dr-McKenzie to Highland			199,200								<b>199,200</b>					(199,200)	<b>(199,200)</b>
376045	Cal- Piper Pl - Douglas Dr to W end			168,000								<b>168,000</b>					(168,000)	<b>(168,000)</b>
376046	Cal- Kintrye Crt - McKenzie to N. End			132,000								<b>132,000</b>					(132,000)	<b>(132,000)</b>
376047	Cal- Kilty Ct - Douglas Dr to end			127,200								<b>127,200</b>					(127,200)	<b>(127,200)</b>
376048	Cal- Tartan Dr - Highland to Buchanan			122,000								<b>122,000</b>					(122,000)	<b>(122,000)</b>
376051	Cal- McCrea Dr - Kinross to Kinross					571,200						<b>571,200</b>					(571,200)	<b>(571,200)</b>
376052	Cal- Kinross - Argyle to Braemar					524,400						<b>524,400</b>					(524,400)	<b>(524,400)</b>
376055	Cal- Scott St Fraser To Kinross					116,400						<b>116,400</b>					(116,400)	<b>(116,400)</b>
376056	Cal- Frase Crt - Scott St to end					114,000						<b>114,000</b>					(114,000)	<b>(114,000)</b>
376058	Cal- Glenmoore Pl. - full court					84,000						<b>84,000</b>					(84,000)	<b>(84,000)</b>
376060	Cal- Sutherland St W - Ross to Tracks					368,100						<b>368,100</b>					(368,100)	<b>(368,100)</b>
376061	Cal- Sutherland Street East – Banff to Haller Cresc					228,000						<b>228,000</b>					(228,000)	<b>(228,000)</b>
376063	Cal- Robert Gordon Drive					53,300						<b>53,300</b>					(53,300)	<b>(53,300)</b>

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



# HALDIMAND COUNTY

## 2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
2020	2021	2022	2023	2024	2025	2026	2027	2028	2029								
<b>Urban Paving Programs</b>																	
Caledonia Urban Paving																	
376064	Cal- McAlpine Place				31,400						<b>31,400</b>			(31,400)		<b>(31,400)</b>	
376065	Cal- Morgan Dr - Celtic to McKenzie					410,000					<b>410,000</b>			(410,000)		<b>(410,000)</b>	
376066	Cal- Haller Cres & Haller Pl					331,600					<b>331,600</b>			(331,600)		<b>(331,600)</b>	
376067	Cal- McMaster - McKenzie to Buchanan					321,300					<b>321,300</b>			(321,300)		<b>(321,300)</b>	
376068	Cal- McKeown Ct - McMaster to end					115,200					<b>115,200</b>			(115,200)		<b>(115,200)</b>	
376069	Cal- Iona Ct - McMaster to end					75,200					<b>75,200</b>			(75,200)		<b>(75,200)</b>	
376070	Cal- McKinnon - Caithness to Williamson					57,400					<b>57,400</b>			(57,400)		<b>(57,400)</b>	
376071	Cal- Morgan Court					26,900					<b>26,900</b>			(26,900)		<b>(26,900)</b>	
376072	Cal- Williamson Dr - all						942,800				<b>942,800</b>			(942,800)		<b>(942,800)</b>	
376073	Cal- Mckenzie – Wigton to Fuller						661,800				<b>661,800</b>			(661,800)		<b>(661,800)</b>	
376075	Cal- Clansman Cres - Caledonia Dr to Caledonia Dr						263,800				<b>263,800</b>			(263,800)		<b>(263,800)</b>	
376076	Cal- Dundee - Kinross to Kinross						244,400				<b>244,400</b>			(244,400)		<b>(244,400)</b>	
376077	Cal- Fraser - Kinross to Scott						211,000				<b>211,000</b>			(211,000)		<b>(211,000)</b>	
376078	Cal- Orkney St W - Ross to Williamson						196,300				<b>196,300</b>			(196,300)		<b>(196,300)</b>	
376082	Cal- MacMillian - Williamson to Williamson						122,200				<b>122,200</b>			(122,200)		<b>(122,200)</b>	
376085	Cal- Shaw - Dundee to Stirling						55,900				<b>55,900</b>			(55,900)		<b>(55,900)</b>	
376086	Cal- MacGregor Pl - Fraser to end						47,500				<b>47,500</b>			(47,500)		<b>(47,500)</b>	
376087	Cal- MacDonald Place						41,800				<b>41,800</b>			(41,800)		<b>(41,800)</b>	
376089	Cal- Hyslop - Scott Acres to Jamison								272,400		<b>272,400</b>			(272,400)		<b>(272,400)</b>	
376090	Cal- Glenmor Dr - MacCrae Dr to Kinross								237,500		<b>237,500</b>			(237,500)		<b>(237,500)</b>	
376096	Cal- Balmoral Crt - Ayr to end								76,400		<b>76,400</b>			(76,400)		<b>(76,400)</b>	

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Urban Paving Programs	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Caledonia Urban Paving</b>																	
376099 Cal- Duncan Crt - Highland to end								66,500			66,500				(66,500)		(66,500)
376101 Cal- MacColl PI - Glenmore Dr to North end								57,800			57,800				(57,800)		(57,800)
376102 Cal- Lamb Crt - Caithness to end								45,200			45,200				(45,200)		(45,200)
376105 Cal- Jamieson - Scott Acres to ScottsWood									415,500		415,500				(415,500)		(415,500)
376106 Cal- Ross St - Caithness to Orkney									289,200		289,200				(289,200)		(289,200)
376107 Cal- Sutherland St W - Ross to Williamson									189,400		189,400				(189,400)		(189,400)
<b>Total Replacement/State of Good Repair</b>	<b>530,000</b>	<b>724,000</b>	<b>1,848,800</b>		<b>2,090,800</b>	<b>1,337,600</b>	<b>2,787,500</b>	<b>755,800</b>	<b>894,100</b>		<b>10,968,600</b>				<b>(10,968,600)</b>		<b>(10,968,600)</b>
<b>Total Caledonia Urban Paving</b>	<b>530,000</b>	<b>724,000</b>	<b>1,848,800</b>		<b>2,090,800</b>	<b>1,337,600</b>	<b>2,787,500</b>	<b>755,800</b>	<b>894,100</b>		<b>10,968,600</b>				<b>(10,968,600)</b>		<b>(10,968,600)</b>
<b>Canborough Urban Paving</b>																	
<b>Replacement/State of Good Repair</b>																	
376108 Canb- Water Street									60,000		60,000				(60,000)		(60,000)
<b>Total Replacement/State of Good Repair</b>									<b>60,000</b>		<b>60,000</b>				<b>(60,000)</b>		<b>(60,000)</b>
<b>Total Canborough Urban Paving</b>									<b>60,000</b>		<b>60,000</b>				<b>(60,000)</b>		<b>(60,000)</b>
<b>Canfield Urban Paving</b>																	
<b>Replacement/State of Good Repair</b>																	
376110 Canf- Raglan Street									47,400		47,400				(47,400)		(47,400)
376111 Canf- Retallack Street									47,400		47,400				(47,400)		(47,400)
376112 Canf- Adair Street									47,400		47,400				(47,400)		(47,400)
<b>Total Replacement/State of Good Repair</b>									<b>142,200</b>		<b>142,200</b>				<b>(142,200)</b>		<b>(142,200)</b>
<b>Total Canfield Urban Paving</b>									<b>142,200</b>		<b>142,200</b>				<b>(142,200)</b>		<b>(142,200)</b>



# HALDIMAND COUNTY

## 2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Urban Paving Programs	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
<b>Cayuga Urban Paving</b>																	
<b>Replacement/State of Good Repair</b>																	
376074 Cay- Munsee St S - Talbot to Joseph									561,600		561,600				(561,600)		(561,600)
376079 Cay- Charles Cullen Parkway									153,000		153,000				(153,000)		(153,000)
376080 Cay- Country Club - Commodore to Commodore									144,500		144,500				(144,500)		(144,500)
376081 Cay- Commodore - Country Club to Country Club									140,800		140,800				(140,800)		(140,800)
376083 Cay- Abbott Lane - Joseph to S end									79,600		79,600				(79,600)		(79,600)
376084 Cay- Ottawa St S - WWTP to Joseph									61,200		61,200				(61,200)		(61,200)
376088 Cay- Railton Rd - Country Club Rd to East end									24,500		24,500				(24,500)		(24,500)
376127 Cay- Monture St										108,000	108,000				(108,000)		(108,000)
376133 Cay- Winnett St - Echo to Hill										48,000	48,000				(48,000)		(48,000)
376138 Cay- Fishcarrier St - Echo to 250mN										30,000	30,000				(30,000)		(30,000)
376147 Cay- Latham St										13,200	13,200				(13,200)		(13,200)
376156 Cay - Essex Road							76,400				76,400				(76,400)		(76,400)
<b>Total Replacement/State of Good Repair</b>							<b>76,400</b>		<b>1,165,200</b>	<b>199,200</b>	<b>1,440,800</b>				<b>(1,440,800)</b>		<b>(1,440,800)</b>
<b>Total Cayuga Urban Paving</b>							<b>76,400</b>		<b>1,165,200</b>	<b>199,200</b>	<b>1,440,800</b>				<b>(1,440,800)</b>		<b>(1,440,800)</b>
<b>Dunnville Urban Paving</b>																	
<b>Replacement/State of Good Repair</b>																	
376050 Dun- Lock Street – George Street to Pine Street			600,000								600,000				(600,000)		(600,000)
376053 Dun- Jarrett Place – Diltz Rd to west extent			265,200								265,200				(265,200)		(265,200)
376054 Dun- Pine Street – Lock to Alder			240,000								240,000				(240,000)		(240,000)
376057 Dun- Griffith - Alder to S Cayuga			108,000								108,000				(108,000)		(108,000)

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Urban Paving Programs	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
<b>Dunnville Urban Paving</b>																	
376059 Dun- Tamarac - Front St to Queen St				78,000							78,000				(78,000)		(78,000)
376120 Dun- Forest St W - Cedar to John										314,400	314,400				(314,400)		(314,400)
376124 Dun- Brookfield Court - Cowan to south -court										122,400	122,400				(122,400)		(122,400)
376125 Dun- Pine Meadow Court										112,800	112,800				(112,800)		(112,800)
376139 Dun- Gillian/Elmwood - Inman East end										27,000	27,000				(27,000)		(27,000)
<b>Total Replacement/State of Good Repair</b>				<b>1,291,200</b>						<b>576,600</b>	<b>1,867,800</b>				<b>(1,867,800)</b>		<b>(1,867,800)</b>
<b>Total Dunnville Urban Paving</b>				<b>1,291,200</b>						<b>576,600</b>	<b>1,867,800</b>				<b>(1,867,800)</b>		<b>(1,867,800)</b>
<b>Hagersville Urban Paving</b>																	
<b>Replacement/State of Good Repair</b>																	
376049 Hag- Porter Ave			22,800								22,800				(22,800)		(22,800)
<b>Total Replacement/State of Good Repair</b>			<b>22,800</b>								<b>22,800</b>				<b>(22,800)</b>		<b>(22,800)</b>
<b>Total Hagersville Urban Paving</b>			<b>22,800</b>								<b>22,800</b>				<b>(22,800)</b>		<b>(22,800)</b>
<b>Jarvis Urban Paving</b>																	
<b>Replacement/State of Good Repair</b>																	
376092 Jar- Walpole Dr - Main to Talbot [SS]					114,600						114,600				(114,600)		(114,600)
<b>Total Replacement/State of Good Repair</b>					<b>114,600</b>						<b>114,600</b>				<b>(114,600)</b>		<b>(114,600)</b>
<b>Total Jarvis Urban Paving</b>					<b>114,600</b>						<b>114,600</b>				<b>(114,600)</b>		<b>(114,600)</b>
<b>Lowbanks Urban Paving</b>																	
<b>Replacement/State of Good Repair</b>																	
376126 Low- Canada Rd										101,200	101,200				(101,200)		(101,200)
376136 Low- Beach Rd										30,800	30,800				(30,800)		(30,800)

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Urban Paving Programs	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Lowbanks Urban Paving</b>																	
376140 Low- Saturn St										20,900	20,900				(20,900)		(20,900)
376141 Low- Meier St										18,700	18,700				(18,700)		(18,700)
<b>Total Replacement/State of Good Repair</b>										<b>171,600</b>	<b>171,600</b>				<b>(171,600)</b>		<b>(171,600)</b>
<b>Total Lowbanks Urban Paving</b>										<b>171,600</b>	<b>171,600</b>				<b>(171,600)</b>		<b>(171,600)</b>
<b>Peacock Point Urban Paving</b>																	
<b>Replacement/State of Good Repair</b>																	
376104 Pea- Carolyn Dr								14,300			14,300				(14,300)		(14,300)
376123 Pea- Lakeside Dr / Willcox Dr										128,700	128,700				(128,700)		(128,700)
376132 Pea- Witherspoon Dr										47,300	47,300				(47,300)		(47,300)
376142 Pea- Howard Ave										15,400	15,400				(15,400)		(15,400)
376143 Pea- Semmens St										15,400	15,400				(15,400)		(15,400)
376144 Pea- Park St										15,400	15,400				(15,400)		(15,400)
376145 Pea- Reidy St										15,400	15,400				(15,400)		(15,400)
376146 Pea- Fagan St										15,400	15,400				(15,400)		(15,400)
376148 Pea- Sunset Dr										8,800	8,800				(8,800)		(8,800)
<b>Total Replacement/State of Good Repair</b>								<b>14,300</b>		<b>261,800</b>	<b>276,100</b>				<b>(276,100)</b>		<b>(276,100)</b>
<b>Total Peacock Point Urban Paving</b>								<b>14,300</b>		<b>261,800</b>	<b>276,100</b>				<b>(276,100)</b>		<b>(276,100)</b>
<b>Springvale Urban Paving</b>																	
<b>Replacement/State of Good Repair</b>																	
376109 Spring- Spruce Ave										48,300	48,300				(48,300)		(48,300)
376113 Spring- Pine Cresc										46,000	46,000				(46,000)		(46,000)
376114 Spring- Maplewood Ave										23,500	23,500				(23,500)		(23,500)

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Urban Paving Programs	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Springvale Urban Paving</b>																	
376115 Spring- Oak Blvd									21,300		21,300				(21,300)		(21,300)
376116 Spring- Walnut St									19,000		19,000				(19,000)		(19,000)
376117 Spring- Birch Blvd									10,100		10,100				(10,100)		(10,100)
<b>Total Replacement/State of Good Repair</b>									<b>168,200</b>		<b>168,200</b>				<b>(168,200)</b>		<b>(168,200)</b>
<b>Total Springvale Urban Paving</b>									<b>168,200</b>		<b>168,200</b>				<b>(168,200)</b>		<b>(168,200)</b>
<b>York Urban Paving</b>																	
<b>Replacement/State of Good Repair</b>																	
376091 York- Martin & Water								150,000			150,000				(150,000)		(150,000)
376093 York- King Ave - Front to John								102,100			102,100				(102,100)		(102,100)
376094 York- Queen St - Front to John								101,500			101,500				(101,500)		(101,500)
376095 York- Mill St - John to Front								88,700			88,700				(88,700)		(88,700)
376097 York- Shannon - Hald Rd 9 to end								67,540			67,540				(67,540)		(67,540)
376098 York- John St - Mill to Queen								64,600			64,600				(64,600)		(64,600)
376100 York- Albion - Hald Rd 9 to King Ave								59,000			59,000				(59,000)		(59,000)
<b>Total Replacement/State of Good Repair</b>								<b>633,440</b>			<b>633,440</b>				<b>(633,440)</b>		<b>(633,440)</b>
<b>Total York Urban Paving</b>								<b>633,440</b>			<b>633,440</b>				<b>(633,440)</b>		<b>(633,440)</b>
<b>Total Urban Paving Programs</b>	<b>530,000</b>	<b>724,000</b>	<b>1,871,600</b>	<b>1,291,200</b>	<b>2,205,400</b>	<b>1,337,600</b>	<b>2,863,900</b>	<b>1,403,540</b>	<b>2,429,700</b>	<b>1,209,200</b>	<b>15,866,140</b>				<b>(15,866,140)</b>		<b>(15,866,140)</b>

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Miscellaneous Paving	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029							
Miscellaneous Paving																	
<b>Replacement/State of Good Repair</b>																	
376130 Old Talbot Road Hald Rd 20 both ways										66,000	<b>66,000</b>			(66,000)		<b>(66,000)</b>	
376131 South Cayuga Road - Rainham Road to 443m north										58,300	<b>58,300</b>			(58,300)		<b>(58,300)</b>	
376134 Stonehaven - Johnson Rd to East end										44,000	<b>44,000</b>			(44,000)		<b>(44,000)</b>	
<b>Total Replacement/State of Good Repair</b>										<b>168,300</b>	<b>168,300</b>			<b>(168,300)</b>		<b>(168,300)</b>	
<b>Total Miscellaneous Paving</b>										<b>168,300</b>	<b>168,300</b>			<b>(168,300)</b>		<b>(168,300)</b>	
<b>Total Miscellaneous Paving</b>										<b>168,300</b>	<b>168,300</b>			<b>(168,300)</b>		<b>(168,300)</b>	

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



# HALDIMAND COUNTY

## 2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
<b>Surface Treatment Program</b>																			
<b>Replacement/State of Good Repair</b>																			
383024	Conc 15 Walpole - Hald Rd 55 to Hald Rd 70	700,000										700,000	(700,000)						(700,000)
383025	Hald Road 74 - Forest Park to Conc 12 Walpole	600,000										600,000	(370,000)	(225,000)		(5,000)			(600,000)
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)
383028	Conc 17 Walpole - Hald Rd 20 to Hald Rd 74	150,000										150,000				(150,000)			(150,000)
383029	Canal Rd - Mumby Rd to Hald Rd 3		100,000									100,000				(100,000)			(100,000)
383030	Conc 4 Walpole - Cheapside to Sandusk Rd				350,000							350,000				(350,000)			(350,000)
383031	River Road - Hwy 3 to Sutor Rd [TR]		1,000,000									1,000,000	(1,000,000)						(1,000,000)
383032	South Coast - Peacock Point to Sandusk Rd				200,000							200,000				(200,000)			(200,000)
383033	4th Line Oneida - Hald Rd 9 to Broad Rd				120,000							120,000				(120,000)			(120,000)
383034	Hald Rd 74 - Conc 12 Walpole to Road 20			1,000,000								1,000,000	(500,000)	(500,000)					(1,000,000)
383035	Moote Rd - Stringer Rd to Hald Rd 63			300,000								300,000				(300,000)			(300,000)
383036	Conc 7 Rd - Hald Rd 53 to Hald Rd 12			300,000								300,000				(300,000)			(300,000)
383037	Downey Road - Rymer Rd to end		200,000									200,000				(200,000)			(200,000)
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				150,000							150,000				(150,000)			(150,000)
383042	Conc 6 Walpole - Hald Rd 70 to Hwy 6				90,000							90,000				(90,000)			(90,000)
383043	Dover St - Port Maitland Rd to Kings Row				80,000							80,000				(80,000)			(80,000)

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



# HALDIMAND COUNTY

## 2020 to 2029 CAPITAL FORECAST

FIR Category: <b>Transportation Services</b> Stage: <b>Draft Budget</b> <b>Surface Treatment Program</b>	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	<b>Total Expenditures</b>	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	<b>Total Financing</b>
<b>Surface Treatment Program</b>																	
383044 Pyle Rd - Hald Rd 3 to Villella Rd				60,000							<b>60,000</b>				(60,000)		<b>(60,000)</b>
383045 Shoreline Trail - Lakeshore to 600 m west				50,000							<b>50,000</b>				(50,000)		<b>(50,000)</b>
383046 Dry Lake Road - Hwy 3 to Hald Rd 9			320,000								<b>320,000</b>				(320,000)		<b>(320,000)</b>
383047 Lakeshore Rd - Hald Rd 50 to Hald-Dunn Twl Rd				320,000							<b>320,000</b>				(320,000)		<b>(320,000)</b>
383048 Rymer Rd - Hald Rd 3 to MltN-Shrbk Townline Rd			300,000								<b>300,000</b>				(300,000)		<b>(300,000)</b>
383049 Mumby Road - Hald Rd 3 to Bird Rd				200,000							<b>200,000</b>				(200,000)		<b>(200,000)</b>
383050 3rd Line Oneida - McKenzie Rd to 1st Row				200,000							<b>200,000</b>				(200,000)		<b>(200,000)</b>
383051 Marshall Rd - Kings Row to Hald Trail				160,000							<b>160,000</b>				(160,000)		<b>(160,000)</b>
383052 South Coast Drive - Sandusk Rd to Texaco Underpass				160,000							<b>160,000</b>				(160,000)		<b>(160,000)</b>
383053 Nelles Rd - York Rd to River				100,000							<b>100,000</b>				(100,000)		<b>(100,000)</b>
383054 Sawmill Road - Glancaster Rd to end				100,000							<b>100,000</b>				(100,000)		<b>(100,000)</b>
383055 Rattlesnake Rd - Booker Rd to .7 Km N. Of Aiken Rd				80,000							<b>80,000</b>				(80,000)		<b>(80,000)</b>
383056 King Road - Niece Rd to Rymer Rd				80,000							<b>80,000</b>				(80,000)		<b>(80,000)</b>
383057 Canal Bank Rd - N. Feeder Canal Rd to Hald Rd 3				30,000							<b>30,000</b>				(30,000)		<b>(30,000)</b>
383058 New Lakeshore Rd - Old Lakeshore Rd to Stelco underpass					350,000						<b>350,000</b>				(350,000)		<b>(350,000)</b>
383059 Conc 10 Wal - Hald Rd 74 to Rd 55					320,000						<b>320,000</b>				(320,000)		<b>(320,000)</b>
383060 River Rd - South Cayuga Rd to HD Twl					200,000						<b>200,000</b>				(200,000)		<b>(200,000)</b>
383061 Comfort Rd - Diltz Rd 9 to Marshagan Rd					180,000						<b>180,000</b>				(180,000)		<b>(180,000)</b>
383063 Conc 2 Seneca Rd - Hald Rd 9 to old Conc 2					150,000						<b>150,000</b>				(150,000)		<b>(150,000)</b>
383064 Niece Rd - Downey Rd to Siddall Rd					100,000						<b>100,000</b>				(100,000)		<b>(100,000)</b>

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: <b>Transportation Services</b> Stage: <b>Draft Budget</b> <b>Surface Treatment Program</b>	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	<b>Total Expenditures</b>	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	<b>Total Financing</b>
<b>Surface Treatment Program</b>																	
383065 Niece Rd - Hald Rd 3 to Downey Rd					100,000						<b>100,000</b>				(100,000)		<b>(100,000)</b>
383066 Ricker Rd - Darling Rd to end					50,000						<b>50,000</b>				(50,000)		<b>(50,000)</b>
383067 Conc 3 Rd - Sweets Corners Rd to Hald Rd 8					280,000						<b>280,000</b>				(280,000)		<b>(280,000)</b>
383068 River Rd -Yaremy to South Cayuga Rd					200,000						<b>200,000</b>				(200,000)		<b>(200,000)</b>
383069 Sutor Rd - River Rd to Hald Rd 20					200,000						<b>200,000</b>				(200,000)		<b>(200,000)</b>
383070 6th Line Oneida - Oneida Rd to Hwy 6					200,000						<b>200,000</b>				(200,000)		<b>(200,000)</b>
383071 Conc 3 Walpole - Hald Rd 55 to Hald Rd 70					200,000						<b>200,000</b>				(200,000)		<b>(200,000)</b>
383072 Conc 14 Walpole - Hald Rd 55 to Hald Rd 70					150,000						<b>150,000</b>				(150,000)		<b>(150,000)</b>
383073 Hines Road - Hutchinson Rd to Young Rd					90,000						<b>90,000</b>				(90,000)		<b>(90,000)</b>
383074 Conc 16 Walpole - Hald Rd 20 to Lot 3/4					80,000						<b>80,000</b>				(80,000)		<b>(80,000)</b>
383075 4th Line Oneida - Hwy 6 to Hald Rd 9						500,000					<b>500,000</b>				(500,000)		<b>(500,000)</b>
383076 Conc 13 Walpole - Hald Rd 20 to Hald Rd 55						250,000					<b>250,000</b>				(250,000)		<b>(250,000)</b>
383077 Conc 6 Woodhouse - Hald Rd 70 to E. Quarter Line						250,000					<b>250,000</b>				(250,000)		<b>(250,000)</b>
383079 Townline Road - Conc 7 Walpole to Nanticoke Creek						120,000					<b>120,000</b>				(120,000)		<b>(120,000)</b>
383080 South Coast Drive - Hald Rd 62 to Cheapside Rd					100,000						<b>100,000</b>	(100,000)					<b>(100,000)</b>
383081 Hald Rd 9 - Turnbull to Hwy 56						200,000					<b>200,000</b>				(200,000)		<b>(200,000)</b>
383082 Younge Rd - Diltz Rd to Marshagan Rd						200,000					<b>200,000</b>				(200,000)		<b>(200,000)</b>
383083 Conc 2 Walpole - 1.4 km west of Cheapside to Sandusk Rd						180,000					<b>180,000</b>				(180,000)		<b>(180,000)</b>
383084 Riverside Dr - Rainham Rd to Stelco Bridge						160,000					<b>160,000</b>				(160,000)		<b>(160,000)</b>
383085 Sandusk Rd - Railway to Hald Rd 20						150,000					<b>150,000</b>				(150,000)		<b>(150,000)</b>

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



# HALDIMAND COUNTY

## 2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
<b>Surface Treatment Program</b>																			
383086	5th Line Oneida - Hwy 6 to McKenzie Rd						150,000					150,000				(150,000)		(150,000)	
383087	Broad Rd - 4th Line to River Rd						150,000					150,000				(150,000)		(150,000)	
383088	Hald Rd 50 - Lakeshore Rd to Hald Rd 3						150,000					150,000				(150,000)		(150,000)	
383089	4th Line Oneida - Broad Rd to Mt Healy Rd						80,000					80,000	(80,000)					(80,000)	
383090	2nd Line - McKenzie Rd to Six Nations Boundary							400,000				400,000				(400,000)		(400,000)	
383091	Hutchinson Rd - Hwy 3 to Diltz Rd							400,000				400,000				(400,000)		(400,000)	
383092	Bird Road - Moulton-Aiken Rd to Hwy 3							300,000				300,000				(300,000)		(300,000)	
383093	2nd Line Oneida - Hald Rd 9 to McKenzie Rd							200,000				200,000	(200,000)					(200,000)	
383094	Oneida Road - 6th Line to 7th Line						100,000					100,000	(100,000)					(100,000)	
383095	5th Line Oneida - Oneida Road to Hwy 6									120,000		120,000				(120,000)		(120,000)	
383096	Abbey Road - Haldibrook Rd south to end										30,000	30,000				(30,000)		(30,000)	
383097	Bird Road - Hwy 3 to Diltz Rd								180,000			180,000				(180,000)		(180,000)	
383098	Brooks Road - Indiana Rd to end						40,000					40,000				(40,000)		(40,000)	
383099	Conc 1 Seneca Road - Hald Rd 56 to Turnbull Rd								180,000			180,000				(180,000)		(180,000)	
383100	Conc 1 Seneca Road - Turnbull Rd to Caistorville Rd									350,000		350,000				(350,000)		(350,000)	
383101	Conc 10 Walpole - Hwy 6 to Hald Rd 55										160,000	160,000				(160,000)		(160,000)	
383102	Conc 14 Walpole - Hald Rd 20 to Maplewood								160,000			160,000				(160,000)		(160,000)	
383103	Conc 14 Walpole - RR 55 to .3 Km E. of Spruce St									80,000		80,000				(80,000)		(80,000)	
383104	Conc 15 Walpole - Hald Rd 20 to Hald Rd 55	350,000										350,000				(350,000)		(350,000)	
383105	Conc 16 Walpole - Hald Rd 74 to Lot 3/4									160,000		160,000				(160,000)		(160,000)	

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



# HALDIMAND COUNTY

## 2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing	
<b>Surface Treatment Program</b>																			
383106	Conc 2 Seneca Road - Hald Rd 56 to Turnbull Rd										200,000	200,000				(200,000)		(200,000)	
383107	Conc 2 Walpole - Cheapside Rd to Hald Rd 53							300,000				300,000				(300,000)		(300,000)	
383108	Conc 4 Rainham - Hald Rd 53 to Hald Rd 12								320,000			320,000	(320,000)					(320,000)	
383109	Conc 4 Walpole - Hald Rd 18 to Hald Rd 55										260,000	260,000				(260,000)		(260,000)	
383110	Conc 5 Rainham - Hald Rd 20 to Hald Rd 8								80,000			80,000				(80,000)		(80,000)	
383111	Conc 5 Walpole - Hald Rd 18 to Cheapside										260,000	260,000				(260,000)		(260,000)	
383112	Conc 6 Walpole - Hald Rd 18 to Cheapside								300,000			300,000	(300,000)					(300,000)	
383113	Conc 6 Walpole - Hald Rd 53 to Cheapside										260,000	260,000				(260,000)		(260,000)	
383114	Conc 7 Walpole - Hwy 3 to Townline Road									100,000		100,000				(100,000)		(100,000)	
383115	Cranston Road - Hwy 6 to 300 m south			20,000								20,000				(20,000)		(20,000)	
383116	Decewsville Rd - Hwy 3 to Irish Line										160,000	160,000				(160,000)		(160,000)	
383117	Dickhout Rd - Vilella Rd to Rymer Rd									160,000		160,000				(160,000)		(160,000)	
383118	Edgewater Place - Lakeshore Road to end								80,000			80,000				(80,000)		(80,000)	
383119	Fisherville Rd - Hald Rd 3 to Lakeshore Rd									160,000		160,000				(160,000)		(160,000)	
383120	Hald Dunn Twl - River Rd to Hald Rd 20									100,000		100,000				(100,000)		(100,000)	
383121	Hald Road 49 - Hald Rd 3 to Lakeshore Rd							300,000				300,000	(300,000)					(300,000)	
383122	Hald Road 50 - Hald Rd 20 to Hald Rd 3								320,000			320,000	(320,000)					(320,000)	
383123	Haldibrook Road - Hald Rd 33 to Hwy 6										300,000	300,000	(300,000)					(300,000)	
383124	Haldibrook Road - Hald Rd 56 to Hald Rd 66										80,000	80,000	(80,000)					(80,000)	

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



# HALDIMAND COUNTY

## 2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing	
<b>Surface Treatment Program</b>																			
383125	Haldibrook Road - Hwy 6 to Glancaster Twl								240,000			240,000				(240,000)		(240,000)	
383126	Haldimand Trail - Hald Rd 3 to 2.0 km south								160,000			160,000				(160,000)		(160,000)	
383127	Inman Road - Hwy 3 to 1.8 km east of Moulton-Aiken Rd								250,000			250,000				(250,000)		(250,000)	
383128	Irish Line - Hald Rd 8 to Hald Rd 20							320,000				320,000				(320,000)		(320,000)	
383129	Irish Line - Hald Rd 8 to River Road								160,000			160,000				(160,000)		(160,000)	
383130	Lakeshore Road - Bookers Rd to Hald Rd 50							250,000				250,000				(250,000)		(250,000)	
383131	Lakeshore Road - Bookers Rd to Reicheld Rd							350,000				350,000				(350,000)		(350,000)	
383132	Lakeshore Road - Hald-Dunn Townline Rd to Hald Rd 49							200,000				200,000	(200,000)					(200,000)	
383133	Marshall Road - Hald Trail to Hald Rd 3									120,000		120,000				(120,000)		(120,000)	
383134	Monture Street - Hwy 3 to 600 m north									50,000		50,000				(50,000)		(50,000)	
383135	Moote Road - Robinson Rd to Stringer Rd									200,000		200,000				(200,000)		(200,000)	
383136	Moulton-Aiken Road - Hald Rd 3 to Rattlesnake Rd									320,000		320,000				(320,000)		(320,000)	
383137	Mount Healy Road - 4th Line to River Road										20,000	20,000	(20,000)					(20,000)	
383138	Onondaga Twp Rd Greens Road to tracks								180,000			180,000				(180,000)		(180,000)	
383139	Rattlesnake Road - Booker to 300 m east										20,000	20,000	(20,000)					(20,000)	
383140	River Road - Hald-Dunn to Aikens Rd										200,000	200,000				(200,000)		(200,000)	
383141	River Road - Sutor to Yaremy										200,000	200,000	(200,000)					(200,000)	
383142	Singer Road - Hald Rd 9 south to end								50,000			50,000	(50,000)					(50,000)	
383143	South Coast Drive - Hald Rd 3 to Texaco Underpass At Lake Erie										80,000	80,000				(80,000)		(80,000)	
383144	Sweets Corners Road - Lakeshore Rd to Hald Rd 3										120,000	120,000				(120,000)		(120,000)	

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Surface Treatment Program	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Surface Treatment Program</b>																	
383145 Townline Road E - Hald Rd 54 to Brooks Rd									240,000		240,000	(240,000)					(240,000)
383146 Townline Road E - Hald Rd 56 to Singer Rd										200,000	200,000	(200,000)					(200,000)
383147 Townline Road W - Hald Road 20 to River Road									700,000		700,000	(700,000)					(700,000)
383148 Townline Road W - River Road east to end										30,000	30,000	(30,000)					(30,000)
383149 Unity Road - Hwy 6 to McClung Road										160,000	160,000				(160,000)		(160,000)
383150 Villella Road - Pyle Rd to Dickhout Rd								50,000			50,000	(50,000)					(50,000)
383151 Warnick Road - Neice Rd to end								30,000			30,000	(30,000)					(30,000)
383152 Wheeler Road - Bluewater Pkwy to Hald Rd 3								160,000			160,000				(160,000)		(160,000)
383153 York Road - Hald Rd 9 to McKenzie Rd									260,000		260,000	(260,000)					(260,000)
383154 Booker Road - Hald Rd 65 to Rattlesnake Rd									120,000		120,000				(120,000)		(120,000)
383155 Canada Road - Hald Rd 3 to end									40,000		40,000				(40,000)		(40,000)
383156 1st Line Oneida - Hald Rd 9 to Hwy 6										350,000	350,000	(350,000)					(350,000)
383157 Bird Road - Aiken Rd to Canal Bank Rd										200,000	200,000	(200,000)					(200,000)
<b>Total Replacement/State of Good Repair</b>	<b>1,800,000</b>	<b>1,700,000</b>	<b>2,690,000</b>	<b>2,530,000</b>	<b>2,950,000</b>	<b>2,680,000</b>	<b>3,020,000</b>	<b>2,980,000</b>	<b>3,200,000</b>	<b>3,290,000</b>	<b>26,840,000</b>	<b>(7,220,000)</b>	<b>(725,000)</b>		<b>(18,895,000)</b>		<b>(26,840,000)</b>
<b>Total Surface Treatment Program</b>	<b>1,800,000</b>	<b>1,700,000</b>	<b>2,690,000</b>	<b>2,530,000</b>	<b>2,950,000</b>	<b>2,680,000</b>	<b>3,020,000</b>	<b>2,980,000</b>	<b>3,200,000</b>	<b>3,290,000</b>	<b>26,840,000</b>	<b>(7,220,000)</b>	<b>(725,000)</b>		<b>(18,895,000)</b>		<b>(26,840,000)</b>
<b>Total Surface Treatment Program</b>	<b>1,800,000</b>	<b>1,700,000</b>	<b>2,690,000</b>	<b>2,530,000</b>	<b>2,950,000</b>	<b>2,680,000</b>	<b>3,020,000</b>	<b>2,980,000</b>	<b>3,200,000</b>	<b>3,290,000</b>	<b>26,840,000</b>	<b>(7,220,000)</b>	<b>(725,000)</b>		<b>(18,895,000)</b>		<b>(26,840,000)</b>

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



# HALDIMAND COUNTY

## 2020 to 2029 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	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029							
<b>Gravel Road Conversion Program</b>																	
<b>New/Enhanced Service</b>																	
381001	Conc 9 Walpole, Sandusk Rd to Cheapside Rd	81,200										81,200	(75,700)		(5,500)		(81,200)
381004	Conc 10 Walpole - Sandusk Rd to Cheapside Rd	80,300										80,300	(74,900)		(5,400)		(80,300)
381008	Conc 9 Walpole, Cheapside Rd to Hald Rd 53	80,300										80,300	(74,900)		(5,400)		(80,300)
381009	Gibson Rd, Link Rd to end	4,000										4,000	(3,700)		(300)		(4,000)
381010	Wilson Rd, Hald Rd 20 South to end	9,900										9,900			(700)	(9,200)	(9,900)
381011	Wilson Rd, Hald Rd 20 North to end	5,500										5,500	(5,100)		(400)		(5,500)
381012	Singer Rd, Indiana Rd to end	5,500										5,500	(5,100)		(400)		(5,500)
381013	Dunnville Townline Rd, Caistorville Rd to Hwy 3		63,600									63,600	(59,300)		(4,300)		(63,600)
381014	Conc 8 Rainham - Rd 53 to Rd 20	65,600										65,600	(61,200)		(4,400)		(65,600)
381015	Wilson Rd - Bains Rd north to end	6,200										6,200	(5,800)		(400)		(6,200)
381016	Swayze Rd - Hart Rd to Moote Rd	18,000										18,000	(16,800)		(1,200)		(18,000)
381017	Conc 9 Wal - Hwy 6 to Hald Rd 18	70,400										70,400	(65,700)		(4,700)		(70,400)
381018	Townline Rd E - Hwy 56 to Junction Rd		58,300									58,300	(54,400)		(3,900)		(58,300)
381019	Conc 1 Seneca - Hwy 56 to Singer Rd		52,800									52,800	(49,200)		(3,600)		(52,800)
381020	Conc 1 Rd S - Junction Rd to Hald/Dunn Townline Rd		41,400									41,400	(38,600)		(2,800)		(41,400)
381021	Wilson Rd - Meadows Rd to south end		7,000									7,000	(6,500)		(500)		(7,000)
381022	Dunn Hald Townline - Conc Rd 1 to Rd 17		97,700									97,700	(91,100)		(6,600)		(97,700)
381023	Kentucky Hill Rd - stub west of Robinson		15,400									15,400	(14,400)		(1,000)		(15,400)
381024	Link Rd - Gibson to Richert Road		57,200									57,200	(53,300)		(3,900)		(57,200)
381027	South Cayuga Road - Rd 20 to Rd 3		59,800									59,800	(55,800)		(4,000)		(59,800)

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



# HALDIMAND COUNTY

## 2020 to 2029 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	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029							
<b>Gravel Road Conversion Program</b>																	
381028	Conc 9 Rainham - Old Talbot Road to end	5,000										<b>5,000</b>	(4,700)		(300)		<b>(5,000)</b>
381031	Yaremy Rd - River Rd to Road 20	60,000										<b>60,000</b>	(56,000)		(4,000)		<b>(60,000)</b>
381032	Bains Road - Rd 20 to Rd 50	650,000		131,300								<b>781,300</b>	(728,700)		(52,600)		<b>(781,300)</b>
381033	Onondaga Road - Greens Rd to Sawmill Rd	270,000		44,700								<b>314,700</b>	(146,750)	(157,350)	(10,600)		<b>(314,700)</b>
381034	Ortt Road - HD Twl to Hwy 3	450,000		73,900								<b>523,900</b>	(488,600)		(35,300)		<b>(523,900)</b>
381035	Woods Road - stub west of Hwy 3	55,000		9,500								<b>64,500</b>	(51,300)		(4,300)	(8,900)	<b>(64,500)</b>
381036	Sweets Corners Rd - Bains Rd to Road 3	275,000		45,800								<b>320,800</b>	(42,700)		(21,600)	(256,500)	<b>(320,800)</b>
381037	Conc 6 Rainham - Road 12 to Road 20	390,000		59,800								<b>449,800</b>	(363,700)		(30,300)	(55,800)	<b>(449,800)</b>
381038	Conc 2 Rd south - Windecker to Rd 32	335,000		53,700								<b>388,700</b>	(312,400)		(26,200)	(50,100)	<b>(388,700)</b>
381039	Windecker Road - Hwy 3 to Conc Rd 1	310,000		44,700								<b>354,700</b>	(330,800)		(23,900)		<b>(354,700)</b>
381040	Indiana Road E - Hwy 56 to Turnbull Rd	380,000		55,000								<b>435,000</b>	(405,700)		(29,300)		<b>(435,000)</b>
381041	Indiana Road W - 3rd Line to River Rd		400,000		66,900							<b>466,900</b>	(62,400)		(31,400)	(373,100)	<b>(466,900)</b>
381042	Turnbull Road - Rd 9 to Conc. 1 Seneca		91,300									<b>91,300</b>	(85,200)		(6,100)		<b>(91,300)</b>
381043	Moul-Sher Twl - NS Drive to Bird Road		385,000		67,300							<b>452,300</b>	(62,800)		(30,400)	(359,100)	<b>(452,300)</b>
381044	Mt Olivet Road - Richert to Bains Rd		330,000		50,600							<b>380,600</b>	(47,200)		(25,600)	(307,800)	<b>(380,600)</b>
381045	McGowan Road - 5th Line to end		155,000		27,500							<b>182,500</b>	(25,600)		(12,300)	(144,600)	<b>(182,500)</b>
381046	Hart Road - Road 63 to Robinson Rd		480,000		88,400							<b>568,400</b>	(82,400)		(38,300)	(447,700)	<b>(568,400)</b>
381047	Reeds Road - Hwy 3 to Townline Road		310,000		43,800							<b>353,800</b>	(40,900)		(23,800)	(289,100)	<b>(353,800)</b>
381048	Melick Road - Moote Rd to Lane Rd	580,000		108,900								<b>688,900</b>	(642,600)		(46,300)		<b>(688,900)</b>
381049	Windecker Road - Conc Rd 1 to Road 17	357,500		66,700								<b>424,200</b>			(28,600)	(395,600)	<b>(424,200)</b>



# HALDIMAND COUNTY

## 2020 to 2029 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	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029							
<b>Gravel Road Conversion Program</b>																	
381050 Conc 14 Townsend - Twl Rd to Norfolk	308,000		58,000									<b>366,000</b>	(287,300)		(24,600)	(54,100)	<b>(366,000)</b>
381051 Dickhout Road - Moul Sher Twl to Rymer		141,600		26,400								<b>168,000</b>	(24,600)		(11,300)	(132,100)	<b>(168,000)</b>
381052 Gore A Rd - Hutchinson to Wainfleet Twl		287,900		53,700								<b>341,600</b>	(50,100)		(23,000)	(268,500)	<b>(341,600)</b>
381053 Richert Rd - River Rd to Road 20		333,900		62,300								<b>396,200</b>	(58,100)		(26,700)	(311,400)	<b>(396,200)</b>
381054 Wilson Rd - River Rd to Meadows Rd		110,900		20,700								<b>131,600</b>	(19,300)		(8,900)	(103,400)	<b>(131,600)</b>
381055 Feeder Lane - Aiken Rd to Canal Bank Rd		129,800		24,200								<b>154,000</b>	(22,600)		(10,300)	(121,100)	<b>(154,000)</b>
381056 Townline Rd E - Junction to HD Twl		66,000										<b>66,000</b>			(4,400)	(61,600)	<b>(66,000)</b>
381057 Indiana Rd E - Turnbull to HD Twl			390,000		74,100							<b>464,100</b>	(69,100)		(31,300)	(363,700)	<b>(464,100)</b>
381058 Little Rd - Road 20 to Irish Line			200,000		74,000							<b>274,000</b>	(69,000)		(18,500)	(186,500)	<b>(274,000)</b>
381069 Calvert Rd - Gore A to Marshagan Rd	120,400		22,400									<b>142,800</b>	(112,300)		(9,600)	(20,900)	<b>(142,800)</b>
381070 Turnbull Rd - Townline Rd to Conc 1 Seneca	247,800		46,200									<b>294,000</b>			(19,800)	(274,200)	<b>(294,000)</b>
381071 Oneida Rd - 6th line to Tracks	140,000		20,000									<b>160,000</b>			(10,700)	(149,300)	<b>(160,000)</b>
381072 Stirling St - Oneida to Tracks	140,000		20,000									<b>160,000</b>			(10,700)	(149,300)	<b>(160,000)</b>
381073 Bird Rd - Canal Bank to Dickhout				153,400		29,000						<b>182,400</b>	(170,100)		(12,300)		<b>(182,400)</b>
381074 Meadows Rd - Sutor to Yaremy Rd	95,000		278,900		53,700							<b>427,600</b>	(50,100)		(28,800)	(348,700)	<b>(427,600)</b>
381075 Farr Rd - NS Drive to Mou Sher Twl	35,000			114,500		21,300						<b>170,800</b>	(126,700)		(11,500)	(32,600)	<b>(170,800)</b>
381076 Meadows Rd - Mt Olivet to Sutor Rd	92,000		364,600		68,000							<b>524,600</b>	(63,400)		(35,300)	(425,900)	<b>(524,600)</b>
381077 Singer Rd - Conc 2 Rd to Indiana Rd	53,000		328,000		61,200							<b>442,200</b>	(57,100)		(29,800)	(355,300)	<b>(442,200)</b>
381078 Booker Rd - Road 65 to Wainfleet Line	87,000			291,400		54,300						<b>432,700</b>	(322,400)		(29,200)	(81,100)	<b>(432,700)</b>
381079 Conc 12 Townsend - Rd 74 to Norfolk	72,000			283,200		52,800						<b>408,000</b>	(313,300)		(27,500)	(67,200)	<b>(408,000)</b>
381080 Grant Rd - Indiana Rd to Townline Rd	20,000			241,900		45,100						<b>307,000</b>	(267,700)		(20,600)	(18,700)	<b>(307,000)</b>

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



## HALDIMAND COUNTY

### 2020 to 2029 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	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029							
Gravel Road Conversion Program																	
381081 Junction Rd - Hwy 3 to Townline Rd E	58,000		243,100		45,300						<b>346,400</b>	(42,300)		(23,300)	(280,800)	<b>(346,400)</b>	
381082 Feeder Canal Ln - Rd 3 to Rd 64	38,000			220,700		41,100					<b>299,800</b>	(244,100)		(20,300)	(35,400)	<b>(299,800)</b>	
381083 Lynvalley Rd - Hwy 6 to Road 70	27,000		199,400		37,200						<b>263,600</b>	(34,700)		(17,700)	(211,200)	<b>(263,600)</b>	
381084 Sutor Rd - Bains Rd to Road 3	41,000		152,200		28,400						<b>221,600</b>	(64,700)		(14,900)	(142,000)	<b>(221,600)</b>	
381085 Conc 3 Rainham - Sweets Rd to Bains Rd	18,000			43,700		8,100					<b>69,800</b>	(65,200)		(4,600)		<b>(69,800)</b>	
381086 Bains Rd - Rd 50 to HD Twl	122,000		516,800		96,400						<b>735,200</b>	(89,900)		(49,500)	(595,800)	<b>(735,200)</b>	
381087 S Cayuga Rd - River Rd to Road 20	50,000		146,300		27,300						<b>223,600</b>	(25,500)		(15,000)	(183,100)	<b>(223,600)</b>	
381088 Yule Rd - Conc 9 Wal to Conc 8 Wal	7,000			165,200		31,000					<b>203,200</b>	(189,500)		(13,700)		<b>(203,200)</b>	
381089 Moote Rd - Road 63 to County Line	32,000			118,000		22,000					<b>172,000</b>	(130,600)		(11,600)	(29,800)	<b>(172,000)</b>	
381090 Duxbury Rd - Road 9 to Townline Rd	70,000			292,400		44,400					<b>406,800</b>	(314,100)		(27,400)	(65,300)	<b>(406,800)</b>	
381091 Cranston Rd - Hwy 6 to Conc 9 Wal	31,000			87,300		16,300					<b>134,600</b>	(96,600)		(9,100)	(28,900)	<b>(134,600)</b>	
381092 Project Manager, Gravel Road Conversion Program	121,390	111,990	111,990	111,990							<b>457,360</b>			(30,760)	(426,600)	<b>(457,360)</b>	
<b>Total New/Enhanced Service</b>	<b>6,569,990</b>	<b>3,786,590</b>	<b>3,791,890</b>	<b>2,655,490</b>	<b>565,600</b>	<b>365,400</b>					<b>17,734,960</b>	<b>(8,172,350)</b>	<b>(157,350)</b>	<b>(1,183,260)</b>	<b>(8,222,000)</b>	<b>(17,734,960)</b>	
<b>Total Gravel Road Conversion Program</b>	<b>6,569,990</b>	<b>3,786,590</b>	<b>3,791,890</b>	<b>2,655,490</b>	<b>565,600</b>	<b>365,400</b>					<b>17,734,960</b>	<b>(8,172,350)</b>	<b>(157,350)</b>	<b>(1,183,260)</b>	<b>(8,222,000)</b>	<b>(17,734,960)</b>	
<b>Total Gravel Road Conversion Program</b>	<b>6,569,990</b>	<b>3,786,590</b>	<b>3,791,890</b>	<b>2,655,490</b>	<b>565,600</b>	<b>365,400</b>					<b>17,734,960</b>	<b>(8,172,350)</b>	<b>(157,350)</b>	<b>(1,183,260)</b>	<b>(8,222,000)</b>	<b>(17,734,960)</b>	



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Municipal Drains	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Municipal Drain Maintenance</b>																	
<b>Replacement/State of Good Repair</b>																	
378001 McNichol Maintenance										20,400	20,400		(14,280)		(6,120)		(20,400)
378002 Babiy Maintenance										23,500	23,500		(16,450)		(7,050)		(23,500)
378003 Barry Maintenance										25,500	25,500		(17,850)		(7,650)		(25,500)
378004 Sugar Creek Main Maintenance										35,000	35,000		(24,500)		(10,500)		(35,000)
378005 Siddal Maintenance										21,400	21,400		(14,980)		(6,420)		(21,400)
378006 Holtrop Maintenance										15,300	15,300		(10,710)		(4,590)		(15,300)
378007 Allen Maintenance										7,200	7,200		(5,040)		(2,160)		(7,200)
378008 Moulton Station Maintenance										17,300	17,300		(12,110)		(5,190)		(17,300)
378009 Fred Buckner Maintenance	25,500										25,500		(19,430)		(6,070)		(25,500)
378010 Buckner Maintenance	22,400										22,400		(20,240)		(2,160)		(22,400)
378011 Broad Creek Maintenance	33,600										33,600	(9,900)	(21,600)		(2,100)		(33,600)
378012 Lindsay Maintenance	23,500										23,500		(19,510)		(3,990)		(23,500)
378013 Stonehaven Maintenance		5,800									5,800		(5,620)		(180)		(5,800)
378014 Horseshoe Bay Maintenance		5,100									5,100	(1,100)	(2,900)		(1,100)		(5,100)
378015 Boyt Maintenance		4,100									4,100		(2,400)		(1,700)		(4,100)
378016 James Main Maintenance		66,200									66,200	(16,700)	(44,600)		(4,900)		(66,200)
378017 Waines Maintenance		30,600									30,600		(30,070)		(530)		(30,600)
378018 Baker Main Maintenance			25,500								25,500	(6,500)	(19,000)				(25,500)
378019 Sweets Corners Maintenance			63,100								63,100	(12,300)	(33,700)		(17,100)		(63,100)
378020 Townline Br. of the Black Crk Maint			12,300								12,300		(9,460)		(2,840)		(12,300)
378021 Michener #1 Maintenance			22,400								22,400		(14,750)		(7,650)		(22,400)

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



# HALDIMAND COUNTY

## 2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
2020	2021	2022	2023	2024	2025	2026	2027	2028	2029								
<b>Municipal Drains</b>																	
<b>Municipal Drain Maintenance</b>																	
378022	Michener Main Maintenance		20,400								<b>20,400</b>		(18,730)	(1,670)		<b>(20,400)</b>	
378023	Ordnance Reserve Maintenance		42,200								<b>42,200</b>		(11,220)	(30,980)		<b>(42,200)</b>	
378024	King Branch 1 & 2 Maintenance		37,700								<b>37,700</b>		(29,490)	(8,210)		<b>(37,700)</b>	
378025	Black Creek Maintenance		66,200								<b>66,200</b>		(55,710)	(10,490)		<b>(66,200)</b>	
378026	Baker East Maintenance		22,400								<b>22,400</b>		(21,190)	(1,210)		<b>(22,400)</b>	
378027	Baker West Maintenance		24,500								<b>24,500</b>		(23,170)	(1,330)		<b>(24,500)</b>	
378028	Sixth Concession Maintenance				40,800						<b>40,800</b>		(38,450)	(2,350)		<b>(40,800)</b>	
378029	Mazi Maintenance				35,000						<b>35,000</b>	(4,900)	(11,800)	(18,300)		<b>(35,000)</b>	
378030	Weikman Maintenance				26,500						<b>26,500</b>		(12,690)	(13,810)		<b>(26,500)</b>	
378031	Seneca Greens Maintenance				1,900						<b>1,900</b>		(1,520)	(380)		<b>(1,900)</b>	
378032	Anderson Maintenance				8,400						<b>8,400</b>		(6,720)	(1,680)		<b>(8,400)</b>	
378033	Harrop Maintenance				97,700						<b>97,700</b>		(82,340)	(15,360)		<b>(97,700)</b>	
378034	Hunter Maintenance				11,200						<b>11,200</b>		(8,960)	(2,240)		<b>(11,200)</b>	
378035	Lundy Maintenance				26,500						<b>26,500</b>		(21,200)	(5,300)		<b>(26,500)</b>	
378036	North Forks Maintenance					77,400					<b>77,400</b>	(20,820)	(54,460)	(2,120)		<b>(77,400)</b>	
378037	South Forks Maintenance					32,600					<b>32,600</b>	(9,470)	(21,640)	(1,490)		<b>(32,600)</b>	
378038	Maple Creek Maintenance					98,800					<b>98,800</b>	(32,930)	(52,700)	(13,170)		<b>(98,800)</b>	
378039	Maple Creek Dunn Branch Maint					16,300					<b>16,300</b>	(5,430)	(8,700)	(2,170)		<b>(16,300)</b>	
378040	Bravin Maintenance						40,800				<b>40,800</b>	(10,250)	(28,090)	(2,460)		<b>(40,800)</b>	
378041	Chrysler Maintenance						23,500				<b>23,500</b>	(6,950)	(14,070)	(2,480)		<b>(23,500)</b>	
378042	Deamude Maintenance						23,500				<b>23,500</b>		(18,800)	(4,700)		<b>(23,500)</b>	
378043	West Kelly Maintenance						61,100				<b>61,100</b>		(56,810)	(4,290)		<b>(61,100)</b>	

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# HALDIMAND COUNTY

## 2020 to 2029 CAPITAL FORECAST

FIR Category: <b>Transportation Services</b> Stage: <b>Draft Budget</b> <b>Municipal Drains</b>	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	<b>Total Expenditures</b>	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	<b>Total Financing</b>
<b>Municipal Drain Maintenance</b>																	
378044 Byers Maintenance						14,300					<b>14,300</b>		(11,440)		(2,860)		<b>(14,300)</b>
378045 Girling Maintenance						4,100					<b>4,100</b>		(3,280)		(820)		<b>(4,100)</b>
378046 Pat Warren Maintenance					21,400						<b>21,400</b>	(7,130)	(11,420)		(2,850)		<b>(21,400)</b>
378047 Boulton Maintenance							14,300				<b>14,300</b>		(11,440)		(2,860)		<b>(14,300)</b>
378048 Ellsworth Maintenance							30,600				<b>30,600</b>		(27,480)		(3,120)		<b>(30,600)</b>
378049 Furry Maintenance							45,800				<b>45,800</b>		(38,550)		(7,250)		<b>(45,800)</b>
378050 Mackeigan Maintenance							9,100				<b>9,100</b>		(7,280)		(1,820)		<b>(9,100)</b>
378051 Tweed Maintenance							47,900				<b>47,900</b>		(43,680)		(4,220)		<b>(47,900)</b>
378052 Hoover Creek Maintenance							39,700				<b>39,700</b>		(31,760)		(7,940)		<b>(39,700)</b>
378053 Wolf Creek Maintenance							9,200				<b>9,200</b>		(7,360)		(1,840)		<b>(9,200)</b>
378054 Crow Road Maintenance							17,300				<b>17,300</b>		(13,840)		(3,460)		<b>(17,300)</b>
378055 East Kelly Maintenance							28,500				<b>28,500</b>		(22,800)		(5,700)		<b>(28,500)</b>
378056 Chalmers Dickout Maintenance								31,600			<b>31,600</b>	(9,500)	(12,600)		(9,500)		<b>(31,600)</b>
378057 H.E. Dickout Maintenance								22,400			<b>22,400</b>	(6,700)	(9,000)		(6,700)		<b>(22,400)</b>
378058 Bouck & Moyer Maintenance								50,900			<b>50,900</b>	(15,200)	(20,400)		(15,300)		<b>(50,900)</b>
378059 Brown Maintenance								20,400			<b>20,400</b>	(6,100)	(8,200)		(6,100)		<b>(20,400)</b>
378060 Boorsma Maintenance								16,300			<b>16,300</b>	(4,900)	(6,500)		(4,900)		<b>(16,300)</b>
378061 Charles Angle Maintenance								8,200			<b>8,200</b>	(2,400)	(3,300)		(2,500)		<b>(8,200)</b>
378062 Felgner Maintenance								9,900			<b>9,900</b>	(2,900)	(4,000)		(3,000)		<b>(9,900)</b>
378063 Harvey Maintenance	12,300										<b>12,300</b>		(9,840)		(2,460)		<b>(12,300)</b>
378064 Jones Maintenance								6,200			<b>6,200</b>	(1,800)	(2,500)		(1,900)		<b>(6,200)</b>
378065 Farr Maintenance								12,300			<b>12,300</b>	(3,700)	(4,900)		(3,700)		<b>(12,300)</b>

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: <b>Transportation Services</b> Stage: <b>Draft Budget</b> <b>Municipal Drains</b>	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	<b>Total Expenditures</b>	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Debture Financing	<b>Total Financing</b>
<b>Municipal Drain Maintenance</b>																	
378066 Dent Maintenance								46,900			<b>46,900</b>	(14,000)	(18,800)		(14,100)		<b>(46,900)</b>
378067 Chick Hartnett Maintenance									35,700		<b>35,700</b>		(34,510)		(1,190)		<b>(35,700)</b>
378068 Hartnett Branch #1 Maintenance									11,200		<b>11,200</b>		(10,920)		(280)		<b>(11,200)</b>
378069 Hartnett Branch #2 Maintenance									8,100		<b>8,100</b>		(7,890)		(210)		<b>(8,100)</b>
378070 Hartnett Main Maintenance									17,300		<b>17,300</b>		(16,870)		(430)		<b>(17,300)</b>
378071 Chick Main Maintenance									16,300		<b>16,300</b>		(15,750)		(550)		<b>(16,300)</b>
378072 Chick Branch #1 Maintenance									8,600		<b>8,600</b>		(8,310)		(290)		<b>(8,600)</b>
378073 Chick Branch #2 Maintenance									8,400		<b>8,400</b>		(8,120)		(280)		<b>(8,400)</b>
378074 North Hutchinson N. Maintenance									14,300		<b>14,300</b>		(11,730)		(2,570)		<b>(14,300)</b>
378075 North Hutchinson S Maintenance									17,300		<b>17,300</b>		(13,130)		(4,170)		<b>(17,300)</b>
378076 South Hutchinson Maintenance									26,500		<b>26,500</b>		(19,180)		(7,320)		<b>(26,500)</b>
378077 Jarvis 1 Maintenance									51,900		<b>51,900</b>		(36,010)		(15,890)		<b>(51,900)</b>
378078 Jarvis 2 Maintenance									29,600		<b>29,600</b>		(23,680)		(5,920)		<b>(29,600)</b>
378079 S Caledonia Douglas Dr Mutual Agreement Dr	50,000										<b>50,000</b>				(50,000)		<b>(50,000)</b>
378080 Carter Maintenance						56,000					<b>56,000</b>		(39,200)		(16,800)		<b>(56,000)</b>
378083 Misc Municipal Drain Maintenance	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	<b>400,000</b>	(120,000)	(160,000)		(120,000)		<b>(400,000)</b>
378085 Sundry Maintenance				55,600							<b>55,600</b>	(11,200)	(26,200)		(18,200)		<b>(55,600)</b>
378086 Sugar Creek Maintenance										40,700	<b>40,700</b>		(28,490)		(12,210)		<b>(40,700)</b>
378087 Niece Maintenance		16,300									<b>16,300</b>		(4,890)		(11,410)		<b>(16,300)</b>
378088 Corbott Maintenance			66,000								<b>66,000</b>	(14,200)	(33,400)		(18,400)		<b>(66,000)</b>
378089 Van Kuren Maintenance				38,400							<b>38,400</b>	(9,800)	(23,100)		(5,500)		<b>(38,400)</b>
<b>Total Replacement/State of Good Repair</b>	<b>207,300</b>	<b>168,100</b>	<b>442,700</b>	<b>382,000</b>	<b>286,500</b>	<b>263,300</b>	<b>282,400</b>	<b>265,100</b>	<b>285,200</b>	<b>246,300</b>	<b>2,828,900</b>	<b>(366,780)</b>	<b>(1,809,410)</b>		<b>(652,710)</b>		<b>(2,828,900)</b>

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Financing	Total Financing
2020	2021	2022	2023	2024	2025	2026	2027	2028	2029								
<b>Municipal Drains</b>																	
<b>Total Municipal Drain Maintenance</b>											<b>2,828,900</b>	<b>(366,780)</b>	<b>(1,809,410)</b>		<b>(652,710)</b>		<b>(2,828,900)</b>
Municipal Drains Construction																	
Replacement/State of Good Repair																	
379011	McNichol Updated Engineers Report	75,000									<b>75,000</b>		(52,500)		(22,500)		<b>(75,000)</b>
<b>Total Replacement/State of Good Repair</b>		<b>75,000</b>									<b>75,000</b>		<b>(52,500)</b>		<b>(22,500)</b>		<b>(75,000)</b>
New/Enhanced Service																	
379005	Middaugh Drain Phase 1 - Construction (16)		157,700								<b>157,700</b>		(141,930)		(15,770)		<b>(157,700)</b>
379010	Middaugh Drain Phase 2 - Construction			101,800							<b>101,800</b>		(91,620)		(10,180)		<b>(101,800)</b>
<b>Total New/Enhanced Service</b>			<b>157,700</b>	<b>101,800</b>							<b>259,500</b>		<b>(233,550)</b>		<b>(25,950)</b>		<b>(259,500)</b>
<b>Total Municipal Drains Construction</b>		<b>75,000</b>	<b>157,700</b>	<b>101,800</b>							<b>334,500</b>		<b>(286,050)</b>		<b>(48,450)</b>		<b>(334,500)</b>
<b>Total Municipal Drains</b>		<b>207,300</b>	<b>243,100</b>	<b>600,400</b>	<b>483,800</b>	<b>286,500</b>	<b>263,300</b>	<b>282,400</b>	<b>265,100</b>	<b>285,200</b>	<b>246,300</b>	<b>3,163,400</b>	<b>(366,780)</b>	<b>(2,095,460)</b>		<b>(701,160)</b>	<b>(3,163,400)</b>

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget												Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing				
2020	2021	2022	2023	2024	2025	2026	2027	2028	2029													
<b>Other Roadwork</b>																						
Bridge & Culvert (<3m) Maintenance																						
<b>Replacement/State of Good Repair</b>																						
339001	Culvert Placement and Lining Rehabilitation											200,000							(2,000,000)	(2,000,000)		
<b>Total Replacement/State of Good Repair</b>												<b>200,000</b>									<b>(2,000,000)</b>	<b>(2,000,000)</b>
<b>Total Bridge &amp; Culvert (&lt;3m) Maintenance</b>												<b>200,000</b>									<b>(2,000,000)</b>	<b>(2,000,000)</b>
Hardtop Surface & Shoulder Maintenance																						
<b>Replacement/State of Good Repair</b>																						
331001	Raised Traffic Island and Curb Rehabilitation											100,000								(1,000,000)	(1,000,000)	
331002	Hot Mix Padding											75,000								(750,000)	(750,000)	
331004	Crack Sealing											75,000								(750,000)	(750,000)	
<b>Total Replacement/State of Good Repair</b>												<b>250,000</b>									<b>(2,500,000)</b>	<b>(2,500,000)</b>
<b>Total Hardtop Surface &amp; Shoulder Maintenance</b>												<b>250,000</b>									<b>(2,500,000)</b>	<b>(2,500,000)</b>
Miscellaneous Construction																						
<b>Replacement/State of Good Repair</b>																						
375001	Decommission Old Gas Wells/Cisterns											35,000									(350,000)	(350,000)
375019	Caledonia Downtown Municipal Parking Lot Paving														285,000					(256,500)	(28,500)	(285,000)
375021	Storm Event Repairs											4,863,000		(4,216,600)						(646,400)	(4,863,000)	
<b>Total Replacement/State of Good Repair</b>												<b>4,898,000</b>	<b>(4,216,600)</b>		<b>(256,500)</b>				<b>(1,024,900)</b>	<b>(5,498,000)</b>		
<b>New/Enhanced Service</b>																						
375018	Caledonia Decorative Crosswalks														132,000					(37,000)	(95,000)	(132,000)
<b>Total New/Enhanced Service</b>															<b>132,000</b>					<b>(37,000)</b>	<b>(95,000)</b>	<b>(132,000)</b>
<b>Total Miscellaneous Construction</b>												<b>4,898,000</b>	<b>(4,216,600)</b>		<b>(293,500)</b>				<b>(1,119,900)</b>	<b>(5,630,000)</b>		

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Other Roadwork	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Signage and Safety Devices</b>																	
<b>New/Enhanced Service</b>																	
339002 Roadside Barrier Program	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000				(1,000,000)		(1,000,000)
<b>Total New/Enhanced Service</b>	<b>100,000</b>	<b>1,000,000</b>				<b>(1,000,000)</b>		<b>(1,000,000)</b>									
<b>Total Signage and Safety Devices</b>	<b>100,000</b>	<b>1,000,000</b>				<b>(1,000,000)</b>		<b>(1,000,000)</b>									
<b>Storm Sewer/Catch Basin Maintenance</b>																	
<b>Replacement/State of Good Repair</b>																	
335001 Storm Sewer/Catch Basin Rehabilitation	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	600,000				(600,000)		(600,000)
<b>Total Replacement/State of Good Repair</b>	<b>60,000</b>	<b>600,000</b>				<b>(600,000)</b>		<b>(600,000)</b>									
<b>Total Storm Sewer/Catch Basin Maintenance</b>	<b>60,000</b>	<b>600,000</b>				<b>(600,000)</b>		<b>(600,000)</b>									
<b>Street Lighting</b>																	
<b>Replacement/State of Good Repair</b>																	
349002 Streetlight/Decorative Light Replacement	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000				(100,000)		(100,000)
349007 Streetlight Design and Review	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)
349008 Argyle Bridge Street Light Reconfiguration	35,000										35,000				(35,000)		(35,000)
<b>Total Replacement/State of Good Repair</b>	<b>50,000</b>	<b>15,000</b>	<b>185,000</b>				<b>(185,000)</b>		<b>(185,000)</b>								
<b>Total Street Lighting</b>	<b>50,000</b>	<b>15,000</b>	<b>185,000</b>				<b>(185,000)</b>		<b>(185,000)</b>								
<b>Technical Studies</b>																	
<b>Replacement/State of Good Repair</b>																	
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)
377006 Railway Grade Crossing Program	50,000	25,000									75,000				(75,000)		(75,000)

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Draft Budget Other Roadwork		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
<b>Technical Studies</b>																			
377010	Annual Traffic Count Study	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)	
377011	Roadside Safety Audit						300,000					300,000				(300,000)		(300,000)	
<b>Total Replacement/State of Good Repair</b>		<b>100,000</b>	<b>75,000</b>	<b>125,000</b>	<b>50,000</b>	<b>50,000</b>	<b>350,000</b>	<b>125,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>1,025,000</b>				<b>(1,025,000)</b>		<b>(1,025,000)</b>	
<b>New/Enhanced Service</b>																			
377001	Jar - Master Servicing Plan Update [W][WW][S]						15,000					15,000			(15,000)			(15,000)	
377002	Cal - Master Servicing Plan Update [W][WW][S]							50,000				50,000			(50,000)			(50,000)	
377007	Hag - Master Servicing Plan Update [W][WW][S]			30,000						30,000		60,000			(60,000)			(60,000)	
377008	Dun - Master Servicing Plan Update [W][WW][S]				30,000						30,000	60,000			(60,000)			(60,000)	
377009	Cay - Master Servicing Plan Update [W][WW][S]					30,000						30,000			(30,000)			(30,000)	
377012	LEIP - Master Servicing Plan Update [W][WW][S]		50,000						50,000			100,000			(100,000)			(100,000)	
<b>Total New/Enhanced Service</b>			<b>50,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>15,000</b>	<b>50,000</b>	<b>50,000</b>	<b>30,000</b>	<b>30,000</b>	<b>315,000</b>			<b>(315,000)</b>			<b>(315,000)</b>	
<b>Total Technical Studies</b>		<b>100,000</b>	<b>125,000</b>	<b>155,000</b>	<b>80,000</b>	<b>80,000</b>	<b>365,000</b>	<b>175,000</b>	<b>100,000</b>	<b>80,000</b>	<b>80,000</b>	<b>1,340,000</b>			<b>(315,000)</b>	<b>(1,025,000)</b>		<b>(1,340,000)</b>	
<b>Traffic Signals</b>																			
<b>New/Enhanced Service</b>																			
336004	Traffic Signal Additional Inventory		15,000					15,000				30,000				(30,000)		(30,000)	
<b>Total New/Enhanced Service</b>			<b>15,000</b>					<b>15,000</b>				<b>30,000</b>				<b>(30,000)</b>		<b>(30,000)</b>	
<b>Total Traffic Signals</b>			<b>15,000</b>					<b>15,000</b>				<b>30,000</b>				<b>(30,000)</b>		<b>(30,000)</b>	
<b>Total Other Roadwork</b>		<b>5,658,000</b>	<b>800,000</b>	<b>815,000</b>	<b>1,157,000</b>	<b>740,000</b>	<b>1,025,000</b>	<b>850,000</b>	<b>760,000</b>	<b>740,000</b>	<b>740,000</b>	<b>13,285,000</b>	<b>(4,216,600)</b>		<b>(608,500)</b>	<b>(8,459,900)</b>		<b>(13,285,000)</b>	

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



**Haldimand**  
County

Environmental Services



**Haldimand**  
County



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST  
SUMMARY

FIR Category: Environmental Services Stage: Draft Budget	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Financing	Total Financing
Urban Storm Sewer System	530,000	210,000	175,000	190,000	575,000	175,000	190,000	190,000	175,000	190,000	2,600,000			(210,000)	(2,390,000)		(2,600,000)
<b>Total Urban Storm Sewer System</b>	<b>530,000</b>	<b>210,000</b>	<b>175,000</b>	<b>190,000</b>	<b>575,000</b>	<b>175,000</b>	<b>190,000</b>	<b>190,000</b>	<b>175,000</b>	<b>190,000</b>	<b>2,600,000</b>			<b>(210,000)</b>	<b>(2,390,000)</b>		<b>(2,600,000)</b>
Canborough Perpetual Care	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000		(57,000)		(43,000)		(100,000)
Canborough Transfer Station	30,000	15,000	95,000	15,000	25,000	15,000	15,000	15,000	15,000	15,000	255,000				(255,000)		(255,000)
Other Perpetual Care	60,000	5,000	119,000	87,500	86,000	5,000	5,000	5,000	5,000	5,000	382,500		(16,100)		(366,400)		(382,500)
Tom Howe Perpetual Care	26,000	329,000	25,550	15,000	22,000	10,000	17,700	22,550	15,000	10,000	492,800		(278,990)		(213,810)		(492,800)
<b>Total Solid Waste Summary</b>	<b>126,000</b>	<b>359,000</b>	<b>249,550</b>	<b>127,500</b>	<b>143,000</b>	<b>40,000</b>	<b>47,700</b>	<b>52,550</b>	<b>45,000</b>	<b>40,000</b>	<b>1,230,300</b>		<b>(352,090)</b>		<b>(878,210)</b>		<b>(1,230,300)</b>
<b>Total Environmental Services</b>	<b>656,000</b>	<b>569,000</b>	<b>424,550</b>	<b>317,500</b>	<b>718,000</b>	<b>215,000</b>	<b>237,700</b>	<b>242,550</b>	<b>220,000</b>	<b>230,000</b>	<b>3,830,300</b>		<b>(352,090)</b>	<b>(210,000)</b>	<b>(3,268,210)</b>		<b>(3,830,300)</b>

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST

<b>FIR Category: Environmental Services</b>											<b>Total Expenditures</b>	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	<b>Total Financing</b>														
<b>Stage: Draft Budget</b>																															
<b>Urban Storm Sewer System</b>																															
2020	2021	2022	2023	2024	2025	2026	2027	2028	2029																						
<b>Urban Storm Sewer System</b>																															
<b>Replacement/State of Good Repair</b>																															
495003	CCTV Inspect Prgm - Structural Assess'ts [WW]										25,000	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)					
495004	System Annual Maintenance										55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	550,000			(550,000)	(550,000)					
495014	Storm Water Management Pond Program										100,000	100,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	840,000			(840,000)	(840,000)					
495020	Storm Sewer Improvement- Mines Road, Hwy 54 to 300 m North										200,000											200,000			(200,000)	(200,000)					
<b>Total Replacement/State of Good Repair</b>											<b>380,000</b>	<b>180,000</b>	<b>160,000</b>	<b>160,000</b>	<b>160,000</b>	<b>160,000</b>	<b>160,000</b>	<b>160,000</b>	<b>160,000</b>	<b>160,000</b>	<b>160,000</b>	<b>1,840,000</b>				<b>(1,840,000)</b>	<b>(1,840,000)</b>				
<b>New/Enhanced Service</b>																															
495001	Cal - Master Servicing Plan Update [W][WW][R]																					30,000			(30,000)	(30,000)					
495002	Jar - Master Servicing Plan Update [W][WW][R]																					15,000			(15,000)	(15,000)					
495015	Hag - Master Servicing Plan Update [W][WW][R]																									(30,000)	(30,000)				
495016	Dun - Master Servicing Plan Update [W][WW][R]																									(60,000)	(60,000)				
495017	Cay - Master Servicing Plan Update [W][WW][R]																									(15,000)	(15,000)				
495018	Cay - Seneca St S - Tuscarora to McKay [W][R]										150,000																(150,000)	(150,000)			
495019	Storm Sewer Jarvis – Walpole Drive, Monson to Talbot [R]																										(400,000)	(400,000)			
495022	LEIP - Master Servicing Plan [W][WW][R]																										(60,000)	(60,000)			
<b>Total New/Enhanced Service</b>											<b>150,000</b>	<b>30,000</b>	<b>15,000</b>	<b>30,000</b>	<b>415,000</b>	<b>15,000</b>	<b>30,000</b>	<b>30,000</b>	<b>15,000</b>	<b>30,000</b>	<b>760,000</b>							<b>(210,000)</b>	<b>(550,000)</b>	<b>(760,000)</b>	
<b>Total Urban Storm Sewer System</b>											<b>530,000</b>	<b>210,000</b>	<b>175,000</b>	<b>190,000</b>	<b>575,000</b>	<b>175,000</b>	<b>190,000</b>	<b>190,000</b>	<b>175,000</b>	<b>190,000</b>	<b>2,600,000</b>								<b>(210,000)</b>	<b>(2,390,000)</b>	<b>(2,600,000)</b>
<b>Total Urban Storm Sewer System</b>											<b>530,000</b>	<b>210,000</b>	<b>175,000</b>	<b>190,000</b>	<b>575,000</b>	<b>175,000</b>	<b>190,000</b>	<b>190,000</b>	<b>175,000</b>	<b>190,000</b>	<b>2,600,000</b>								<b>(210,000)</b>	<b>(2,390,000)</b>	<b>(2,600,000)</b>

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



## HALDIMAND COUNTY

2020 to 2029 CAPITAL FORECAST

FIR Category: Environmental Services Stage: Draft Budget	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
<b>Solid Waste Disposal</b>																	
Canborough Perpetual Care																	
<b>Replacement/State of Good Repair</b>																	
425002 General Maintenance Perpetual	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000		(57,000)		(43,000)		(100,000)
<b>Total Replacement/State of Good Repair</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>100,000</b>		<b>(57,000)</b>		<b>(43,000)</b>		<b>(100,000)</b>
<b>Total Canborough Perpetual Care</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>100,000</b>		<b>(57,000)</b>		<b>(43,000)</b>		<b>(100,000)</b>
Canborough Transfer Station																	
<b>Replacement/State of Good Repair</b>																	
424001 Waste Mgmt Facility Repairs	30,000	15,000	15,000	15,000	25,000	15,000	15,000	15,000	15,000	15,000	175,000				(175,000)		(175,000)
<b>Total Replacement/State of Good Repair</b>	<b>30,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>25,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>175,000</b>				<b>(175,000)</b>		<b>(175,000)</b>
<b>New/Enhanced Service</b>																	
424004 Liquid Waste Containment Pad			80,000								80,000				(80,000)		(80,000)
<b>Total New/Enhanced Service</b>			<b>80,000</b>								<b>80,000</b>				<b>(80,000)</b>		<b>(80,000)</b>
<b>Total Canborough Transfer Station</b>	<b>30,000</b>	<b>15,000</b>	<b>95,000</b>	<b>15,000</b>	<b>25,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>255,000</b>				<b>(255,000)</b>		<b>(255,000)</b>
Other Perpetual Care																	
<b>Replacement/State of Good Repair</b>																	
429002 General Maintenance - Perpetual Sites	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)
429004 Closed Landfill Site Well Decommissioning	55,000										55,000				(55,000)		(55,000)
<b>Total Replacement/State of Good Repair</b>	<b>60,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>105,000</b>				<b>(105,000)</b>		<b>(105,000)</b>
<b>New/Enhanced Service</b>																	
429003 Closed Landfills - ESA Phase 1 & 2			114,000	82,500	81,000						277,500		(16,100)		(261,400)		(277,500)
<b>Total New/Enhanced Service</b>			<b>114,000</b>	<b>82,500</b>	<b>81,000</b>						<b>277,500</b>		<b>(16,100)</b>		<b>(261,400)</b>		<b>(277,500)</b>
<b>Total Other Perpetual Care</b>	<b>60,000</b>	<b>5,000</b>	<b>119,000</b>	<b>87,500</b>	<b>86,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>382,500</b>		<b>(16,100)</b>		<b>(366,400)</b>		<b>(382,500)</b>
Tom Howe Perpetual Care																	
<b>Replacement/State of Good Repair</b>																	

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Environmental Services Stage: Draft Budget		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
<b>Solid Waste Disposal</b>																			
Tom Howe Perpetual Care																			
428004	General Maintenance Perpetual	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000		(57,000)		(43,000)		(100,000)	
428009	Pneumatic Pumps		12,000			12,000			12,000			36,000		(20,400)		(15,600)		(36,000)	
428010	Flare Control Hardware				5,000					5,000		10,000		(5,600)		(4,400)		(10,000)	
428012	Servers (SCADA)		6,200					6,200				12,400		(7,000)		(5,400)		(12,400)	
428014	Landfill Gas Flare Variable Frequency Drive Replacement	15,000										15,000		(8,500)		(6,500)		(15,000)	
428015	Software (SCADA)	1,000	14,300									15,300		(8,670)		(6,630)		(15,300)	
428016	Desktops (SCADA)		1,500					1,500				3,000		(1,600)		(1,400)		(3,000)	
428017	Landfill Gas Flare Shell/Insulation Replacement			15,000								15,000		(8,500)		(6,500)		(15,000)	
428018	Connectivity Equipment (SCADA)			550					550			1,100		(620)		(480)		(1,100)	
428020	Flare Upgrade		285,000									285,000		(161,100)		(123,900)		(285,000)	
<b>Total Replacement/State of Good Repair</b>		<b>26,000</b>	<b>329,000</b>	<b>25,550</b>	<b>15,000</b>	<b>22,000</b>	<b>10,000</b>	<b>17,700</b>	<b>22,550</b>	<b>15,000</b>	<b>10,000</b>	<b>492,800</b>		<b>(278,990)</b>		<b>(213,810)</b>		<b>(492,800)</b>	
<b>Total Tom Howe Perpetual Care</b>		<b>26,000</b>	<b>329,000</b>	<b>25,550</b>	<b>15,000</b>	<b>22,000</b>	<b>10,000</b>	<b>17,700</b>	<b>22,550</b>	<b>15,000</b>	<b>10,000</b>	<b>492,800</b>		<b>(278,990)</b>		<b>(213,810)</b>		<b>(492,800)</b>	
<b>Total Solid Waste Disposal</b>		<b>126,000</b>	<b>359,000</b>	<b>249,550</b>	<b>127,500</b>	<b>143,000</b>	<b>40,000</b>	<b>47,700</b>	<b>52,550</b>	<b>45,000</b>	<b>40,000</b>	<b>1,230,300</b>		<b>(352,090)</b>		<b>(878,210)</b>		<b>(1,230,300)</b>	



**Haldimand**  
County

Health Services



**Haldimand**  
County



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST  
SUMMARY

<b>FIR Category: Health Services</b> <b>Stage: Draft Budget</b>	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	<b>Total Expenditures</b>	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/ure Financing	<b>Total Financing</b>
Caledonia Ambulance Base		1,896,400									1,896,400			(604,850)	(63,450)	(1,228,100)	(1,896,400)
Dunnville Ambulance Base							1,326,600				1,326,600				(66,600)	(1,260,000)	(1,326,600)
Paramedic Services Administration	20,000	20,000	170,000	295,000	80,500	54,500	20,000	200,000	201,800	20,000	1,081,800				(1,081,800)		(1,081,800)
<b>Total Paramedic Services</b>	<b>20,000</b>	<b>1,916,400</b>	<b>170,000</b>	<b>295,000</b>	<b>80,500</b>	<b>54,500</b>	<b>1,346,600</b>	<b>200,000</b>	<b>201,800</b>	<b>20,000</b>	<b>4,304,800</b>			<b>(604,850)</b>	<b>(1,211,850)</b>	<b>(2,488,100)</b>	<b>(4,304,800)</b>
Caledonia Cemeteries				70,000							70,000			(63,000)	(7,000)		(70,000)
Cayuga Cemeteries	25,000					200,000					225,000			(180,000)	(45,000)		(225,000)
Cemeteries Administration	25,000	25,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	330,000				(330,000)		(330,000)
Dunnville Cemeteries	22,000	2,000	2,000	72,000	2,000	2,000	2,000	2,000	2,000	2,000	110,000			(63,000)	(47,000)		(110,000)
Hagersville Cemeteries		25,000		70,000							95,000			(85,500)	(9,500)		(95,000)
<b>Total Cemeteries</b>	<b>72,000</b>	<b>52,000</b>	<b>37,000</b>	<b>247,000</b>	<b>37,000</b>	<b>237,000</b>	<b>37,000</b>	<b>37,000</b>	<b>37,000</b>	<b>37,000</b>	<b>830,000</b>			<b>(391,500)</b>	<b>(438,500)</b>		<b>(830,000)</b>
<b>Total Health Services</b>	<b>92,000</b>	<b>1,968,400</b>	<b>207,000</b>	<b>542,000</b>	<b>117,500</b>	<b>291,500</b>	<b>1,383,600</b>	<b>237,000</b>	<b>238,800</b>	<b>57,000</b>	<b>5,134,800</b>			<b>(996,350)</b>	<b>(1,650,350)</b>	<b>(2,488,100)</b>	<b>(5,134,800)</b>





## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Health Services Stage: Draft Budget												Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Future Financing	Total Financing
2020	2021	2022	2023	2024	2025	2026	2027	2028	2029									
<b>Cemeteries</b>																		
Caledonia Cemeteries																		
<b>New/Enhanced Service</b>																		
562002	CAL - Columbarium & Pathways										70,000			(63,000)	(7,000)	(70,000)		
<b>Total New/Enhanced Service</b>												<b>70,000</b>			<b>(63,000)</b>	<b>(7,000)</b>	<b>(70,000)</b>	
<b>Total Caledonia Cemeteries</b>												<b>70,000</b>			<b>(63,000)</b>	<b>(7,000)</b>	<b>(70,000)</b>	
Cayuga Cemeteries																		
<b>Replacement/State of Good Repair</b>																		
565001	CAY - Riverside Roof & Door Replacement										25,000				(25,000)	(25,000)		
<b>Total Replacement/State of Good Repair</b>												<b>25,000</b>				<b>(25,000)</b>	<b>(25,000)</b>	
<b>New/Enhanced Service</b>																		
565002	CAY - Expansion incl Columbarium										200,000			(180,000)	(20,000)	(200,000)		
<b>Total New/Enhanced Service</b>												<b>200,000</b>			<b>(180,000)</b>	<b>(20,000)</b>	<b>(200,000)</b>	
<b>Total Cayuga Cemeteries</b>												<b>225,000</b>			<b>(180,000)</b>	<b>(45,000)</b>	<b>(225,000)</b>	
Cemeteries Administration																		
<b>Replacement/State of Good Repair</b>																		
561001	GEN CEM - Cemetery & Headstone Restoration										25,000				(250,000)	(250,000)		
561003	GEN CEM - Bench/Garbage Receptacle Replacement										80,000				(80,000)	(80,000)		
<b>Total Replacement/State of Good Repair</b>												<b>330,000</b>				<b>(330,000)</b>	<b>(330,000)</b>	
<b>Total Cemeteries Administration</b>												<b>330,000</b>				<b>(330,000)</b>	<b>(330,000)</b>	
Dunnville Cemeteries																		
<b>Replacement/State of Good Repair</b>																		
566003	DUNN - Lowbanks Cemetery										2,000				(20,000)	(20,000)		
<b>Total Replacement/State of Good Repair</b>												<b>2,000</b>				<b>(20,000)</b>	<b>(20,000)</b>	

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST

FIR Category: Health Services Stage: Draft Budget		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
<b>Cemeteries</b>																			
Dunnville Cemeteries																			
<b>New/Enhanced Service</b>																			
566001	DUNN - Riverside Building Security Upgrades	10,000										10,000				(10,000)		(10,000)	
566002	DUNN - Old William Inman Cemetery Survey	10,000										10,000				(10,000)		(10,000)	
566004	DUNN - Riverside Columbarium & Pathways				70,000							70,000			(63,000)	(7,000)		(70,000)	
<b>Total New/Enhanced Service</b>		<b>20,000</b>		<b>2,000</b>	<b>70,000</b>							<b>90,000</b>			<b>(63,000)</b>	<b>(27,000)</b>		<b>(90,000)</b>	
<b>Total Dunnville Cemeteries</b>		<b>22,000</b>	<b>2,000</b>	<b>2,000</b>	<b>72,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>110,000</b>			<b>(63,000)</b>	<b>(47,000)</b>		<b>(110,000)</b>	
Hagersville Cemeteries																			
<b>New/Enhanced Service</b>																			
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)	
<b>Total New/Enhanced Service</b>			<b>25,000</b>		<b>70,000</b>							<b>95,000</b>			<b>(85,500)</b>	<b>(9,500)</b>		<b>(95,000)</b>	
<b>Total Hagersville Cemeteries</b>			<b>25,000</b>		<b>70,000</b>							<b>95,000</b>			<b>(85,500)</b>	<b>(9,500)</b>		<b>(95,000)</b>	
<b>Total Cemeteries</b>		<b>72,000</b>	<b>52,000</b>	<b>37,000</b>	<b>247,000</b>	<b>37,000</b>	<b>237,000</b>	<b>37,000</b>	<b>37,000</b>	<b>37,000</b>	<b>37,000</b>	<b>830,000</b>			<b>(391,500)</b>	<b>(438,500)</b>		<b>(830,000)</b>	

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



**Haldimand**  
County

Social & Family Services



**Haldimand**  
County



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST  
SUMMARY

<b>FIR Category: Social &amp; Family Services</b> <b>Stage: Draft Budget</b>	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	<b>Total Expenditures</b>	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	<b>Total Financing</b>
GVL - Administration	14,450	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	25,250				(25,250)		(25,250)
GVL - Building & Property	157,000	17,000	47,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	340,000				(340,000)		(340,000)
GVL - Dietary Services	24,190	37,250	8,900	2,600	42,490	6,990	69,890	51,940	29,450	41,800	315,500				(315,500)		(315,500)
GVL - Housekeeping	96,750	121,300	142,800	106,100	109,850	86,650	89,150	104,150	73,350	57,050	987,150				(987,150)		(987,150)
GVL - Laundry & Linen	23,300	39,200	60,200	37,000			10,000	15,900			185,600				(185,600)		(185,600)
GVL - Nursing & Personal Care	17,320	26,490	7,170	13,170	11,770	18,090	11,770	8,570	7,170	13,490	135,010				(135,010)		(135,010)
GVL - Programs & Support	6,500	9,500	6,500	9,500	6,500	9,500	6,500	9,500	6,500	9,500	80,000				(80,000)		(80,000)
<b>Total Grandview Lodge</b>	<b>339,510</b>	<b>251,940</b>	<b>273,770</b>	<b>186,570</b>	<b>188,810</b>	<b>139,430</b>	<b>205,510</b>	<b>208,260</b>	<b>134,670</b>	<b>140,040</b>	<b>2,068,510</b>				<b>(2,068,510)</b>		<b>(2,068,510)</b>
<b>Total Social &amp; Family Services</b>	<b>339,510</b>	<b>251,940</b>	<b>273,770</b>	<b>186,570</b>	<b>188,810</b>	<b>139,430</b>	<b>205,510</b>	<b>208,260</b>	<b>134,670</b>	<b>140,040</b>	<b>2,068,510</b>				<b>(2,068,510)</b>		<b>(2,068,510)</b>

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Social & Family Services Stage: Draft Budget <b>Grandview Lodge</b>	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
<b>GVL - Administration</b>																	
<b>Replacement/State of Good Repair</b>																	
638001 Portable Phones	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	12,000				(12,000)		(12,000)
<b>Total Replacement/State of Good Repair</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>12,000</b>				<b>(12,000)</b>		<b>(12,000)</b>
<b>New/Enhanced Service</b>																	
638002 Scheduling Software Upgrade	13,250										13,250				(13,250)		(13,250)
<b>Total New/Enhanced Service</b>	<b>13,250</b>										<b>13,250</b>				<b>(13,250)</b>		<b>(13,250)</b>
<b>Total GVL - Administration</b>	<b>14,450</b>	<b>1,200</b>	<b>25,250</b>				<b>(25,250)</b>		<b>(25,250)</b>								
<b>GVL - Building &amp; Property</b>																	
<b>Replacement/State of Good Repair</b>																	
636001 Replace Compressors (HVAC and refrigeration)	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	120,000				(120,000)		(120,000)
636002 Millwork Repairs	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)
636008 Resident Home Area - Rooftop Unit Engineering Design and Spec			30,000								30,000				(30,000)		(30,000)
636011 Grease Trap/Interceptor Replacement - Kitchen Duplex System	35,000										35,000				(35,000)		(35,000)
636013 Hearing Clinic Room Renovations	5,500										5,500				(5,500)		(5,500)
636015 Facility Condition Assessment	45,000										45,000				(45,000)		(45,000)
636016 Building Automation System Upgrades	20,000										20,000				(20,000)		(20,000)
<b>Total Replacement/State of Good Repair</b>	<b>122,500</b>	<b>17,000</b>	<b>47,000</b>	<b>17,000</b>	<b>305,500</b>				<b>(305,500)</b>		<b>(305,500)</b>						
<b>New/Enhanced Service</b>																	
636009 Door Access System Phase II	24,000										24,000				(24,000)		(24,000)
636017 Magnetic Locking System for the entry doors to 3 Resident Home Areas	10,500										10,500				(10,500)		(10,500)
<b>Total New/Enhanced Service</b>	<b>34,500</b>										<b>34,500</b>				<b>(34,500)</b>		<b>(34,500)</b>
<b>Total GVL - Building &amp; Property</b>	<b>157,000</b>	<b>17,000</b>	<b>47,000</b>	<b>17,000</b>	<b>340,000</b>				<b>(340,000)</b>		<b>(340,000)</b>						

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



# HALDIMAND COUNTY

## 2020 to 2029 CAPITAL FORECAST

FIR Category: Social & Family Services Stage: Draft Budget Grandview Lodge	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/Reserve Funds	Debenture Financing	Total Financing
GVL - Dietary Services																	
<b>Replacement/State of Good Repair</b>																	
632001 Galley Kitchen Toaster (1)	2,690				2,690	2,690	2,690	2,690			13,450				(13,450)		(13,450)
632002 Galley Kitchen Ice Dispenser (1)								6,850	6,850		13,700				(13,700)		(13,700)
632003 Galley Kitchen Refrigerator/Freezer (1)								9,600	9,600		19,200				(19,200)		(19,200)
632004 Galley Serveries Refrigerator (1)							1,000	1,000	1,000	1,000	4,000				(4,000)		(4,000)
632005 Coffee Brewer (1)									6,500	6,500	13,000				(13,000)		(13,000)
632006 Server Heat Lamps/Food Holding Heated Unit (1)	5,500							5,500	5,500	5,500	22,000				(22,000)		(22,000)
632007 Commercial Can Opener (1)		1,400			1,400			1,400			4,200				(4,200)		(4,200)
632008 Rational Oven/Steamer (1)										22,500	22,500				(22,500)		(22,500)
632009 Carts (2)	2,600	2,600	2,600	2,600	2,600	2,600	2,600				18,200				(18,200)		(18,200)
632011 Main Kitchen Ice Machine (1)		6,100									6,100				(6,100)		(6,100)
632012 Food Processor (1)	6,300				6,300					6,300	18,900				(18,900)		(18,900)
632013 Mixer/Grinder (1)		13,000									13,000				(13,000)		(13,000)
632014 Stationary Kettle (1)		7,850									7,850				(7,850)		(7,850)
632015 Cambro Carts (3)		6,300	6,300								12,600				(12,600)		(12,600)
632016 Skillet (1)					25,000						25,000				(25,000)		(25,000)
632017 Food Chopper/Grater (1)					4,500						4,500				(4,500)		(4,500)
632018 Galley Kitchen Dishwasher (1)							21,500	21,500			43,000				(43,000)		(43,000)
632019 Hot Water Dispensers						1,700		3,400			5,100				(5,100)		(5,100)
632020 Convectional Ovens (2)							35,000				35,000				(35,000)		(35,000)
632021 Gas Stove (1)							7,100				7,100				(7,100)		(7,100)
<b>Total Replacement/State of Good Repair</b>	<b>17,090</b>	<b>37,250</b>	<b>8,900</b>	<b>2,600</b>	<b>42,490</b>	<b>6,990</b>	<b>69,890</b>	<b>51,940</b>	<b>29,450</b>	<b>41,800</b>	<b>308,400</b>				<b>(308,400)</b>		<b>(308,400)</b>

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



# HALDIMAND COUNTY

## 2020 to 2029 CAPITAL FORECAST

FIR Category: Social & Family Services Stage: Draft Budget <b>Grandview Lodge</b>	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>GVL - Dietary Services</b>																	
<b>New/Enhanced Service</b>																	
632010 Reach-In Freezer	7,100										7,100				(7,100)		(7,100)
<b>Total New/Enhanced Service</b>	<b>7,100</b>										<b>7,100</b>				<b>(7,100)</b>		<b>(7,100)</b>
<b>Total GVL - Dietary Services</b>	<b>24,190</b>	<b>37,250</b>	<b>8,900</b>	<b>2,600</b>	<b>42,490</b>	<b>6,990</b>	<b>69,890</b>	<b>51,940</b>	<b>29,450</b>	<b>41,800</b>	<b>315,500</b>				<b>(315,500)</b>		<b>(315,500)</b>
<b>GVL - Housekeeping</b>																	
<b>Replacement/State of Good Repair</b>																	
634001 Floor Lift (sit to stand)					5,800	5,800	5,800	5,800			23,200				(23,200)		(23,200)
634002 Mattress/Surface Replacement		10,750	10,750	10,750	10,750	10,750	10,750	10,750	10,750	10,750	96,750				(96,750)		(96,750)
634003 Lounge and Room Furniture	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)
634004 Dining Room Furniture				10,000	10,000	10,000	10,000				40,000				(40,000)		(40,000)
634005 Low to the Floor Electric Beds	21,700	21,700	21,700		21,700	21,700	21,700	21,700	21,700	21,700	195,300				(195,300)		(195,300)
634008 Ceiling Lift Carriages Replacement	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	46,000				(46,000)		(46,000)
634010 Flooring Replacement			25,000					25,000			50,000				(50,000)		(50,000)
634011 Therapeutic Tubs	23,700	23,700	23,700	23,700							94,800				(94,800)		(94,800)
634012 Floor Lift		13,800	13,800	13,800	13,800	13,800	13,800	13,800	13,800		110,400				(110,400)		(110,400)
634013 Tub Chairs	12,050	12,050	12,050	12,050							48,200				(48,200)		(48,200)
634014 Walk Behind Vacuum	3,500	3,500									7,000				(7,000)		(7,000)
634015 Floor Scrubber					12,000						12,000				(12,000)		(12,000)
<b>Total Replacement/State of Good Repair</b>	<b>85,550</b>	<b>110,100</b>	<b>131,600</b>	<b>94,900</b>	<b>98,650</b>	<b>86,650</b>	<b>86,650</b>	<b>101,650</b>	<b>70,850</b>	<b>57,050</b>	<b>923,650</b>				<b>(923,650)</b>		<b>(923,650)</b>
<b>New/Enhanced Service</b>																	
634006 Ceiling Lifts/Tracks, Carriage for Beds	11,200	11,200	11,200	11,200	11,200						56,000				(56,000)		(56,000)
634007 Outdoor Furniture							2,500	2,500	2,500		7,500				(7,500)		(7,500)
<b>Total New/Enhanced Service</b>	<b>11,200</b>	<b>11,200</b>	<b>11,200</b>	<b>11,200</b>	<b>11,200</b>		<b>2,500</b>	<b>2,500</b>	<b>2,500</b>		<b>63,500</b>				<b>(63,500)</b>		<b>(63,500)</b>

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Social & Family Services Stage: Draft Budget Grandview Lodge	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
<b>Total GVL - Housekeeping</b>	96,750	121,300	142,800	106,100	109,850	86,650	89,150	104,150	73,350	57,050	987,150				(987,150)		(987,150)
GVL - Laundry & Linen																	
<b>Replacement/State of Good Repair</b>																	
635001 Industrial Washer			21,000	21,000			10,000				52,000				(52,000)		(52,000)
635003 Privacy & Window Curtains and Bedspreads	23,300	23,300	23,300	16,000							85,900				(85,900)		(85,900)
635004 Industrial Dryer		15,900	15,900					15,900			47,700				(47,700)		(47,700)
<b>Total Replacement/State of Good Repair</b>	<b>23,300</b>	<b>39,200</b>	<b>60,200</b>	<b>37,000</b>			<b>10,000</b>	<b>15,900</b>			<b>185,600</b>				<b>(185,600)</b>		<b>(185,600)</b>
<b>Total GVL - Laundry &amp; Linen</b>	<b>23,300</b>	<b>39,200</b>	<b>60,200</b>	<b>37,000</b>			<b>10,000</b>	<b>15,900</b>			<b>185,600</b>				<b>(185,600)</b>		<b>(185,600)</b>
GVL - Nursing & Personal Care																	
<b>Replacement/State of Good Repair</b>																	
633001 Nursing Pagers	4,320	4,320	4,320	4,320	4,320	4,320	4,320	4,320	4,320	4,320	43,200				(43,200)		(43,200)
633002 Vital Machine		2,850	2,850	2,850	2,850	2,850	2,850	2,850	2,850	2,850	25,650				(25,650)		(25,650)
633003 Nursing Treatment Cart (2)				4,600	4,600	4,600	4,600				18,400				(18,400)		(18,400)
633004 Sanitizer for Equipment	13,000	13,000									26,000				(26,000)		(26,000)
633007 PSW Care Carts (2)				1,400				1,400			2,800				(2,800)		(2,800)
633008 Intravenous Pumps		6,320				6,320				6,320	18,960				(18,960)		(18,960)
<b>Total Replacement/State of Good Repair</b>	<b>17,320</b>	<b>26,490</b>	<b>7,170</b>	<b>13,170</b>	<b>11,770</b>	<b>18,090</b>	<b>11,770</b>	<b>8,570</b>	<b>7,170</b>	<b>13,490</b>	<b>135,010</b>				<b>(135,010)</b>		<b>(135,010)</b>
<b>Total GVL - Nursing &amp; Personal Care</b>	<b>17,320</b>	<b>26,490</b>	<b>7,170</b>	<b>13,170</b>	<b>11,770</b>	<b>18,090</b>	<b>11,770</b>	<b>8,570</b>	<b>7,170</b>	<b>13,490</b>	<b>135,010</b>				<b>(135,010)</b>		<b>(135,010)</b>
GVL - Programs & Support																	
<b>Replacement/State of Good Repair</b>																	
631001 Televisions	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	10,000				(10,000)		(10,000)
631002 Snoezelen Therapy Travelling Cart		3,000		3,000		3,000		3,000		3,000	15,000				(15,000)		(15,000)
<b>Total Replacement/State of Good Repair</b>	<b>1,000</b>	<b>4,000</b>	<b>1,000</b>	<b>4,000</b>	<b>1,000</b>	<b>4,000</b>	<b>1,000</b>	<b>4,000</b>	<b>1,000</b>	<b>4,000</b>	<b>25,000</b>				<b>(25,000)</b>		<b>(25,000)</b>

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST

FIR Category: Social & Family Services Stage: Draft Budget <b>Grandview Lodge</b>	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	<b>Total Expenditures</b>	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	<b>Total Financing</b>
GVL - Programs & Support																	
New/Enhanced Service																	
631003 Door Coverings	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	<b>55,000</b>				(55,000)		<b>(55,000)</b>
<b>Total New/Enhanced Service</b>	<b>5,500</b>	<b>55,000</b>				<b>(55,000)</b>		<b>(55,000)</b>									
<b>Total GVL - Programs &amp; Support</b>	<b>6,500</b>	<b>9,500</b>	<b>80,000</b>				<b>(80,000)</b>		<b>(80,000)</b>								
<b>Total Grandview Lodge</b>	<b>339,510</b>	<b>251,940</b>	<b>273,770</b>	<b>186,570</b>	<b>188,810</b>	<b>139,430</b>	<b>205,510</b>	<b>208,260</b>	<b>134,670</b>	<b>140,040</b>	<b>2,068,510</b>				<b>(2,068,510)</b>		<b>(2,068,510)</b>

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



**Haldimand**  
County

Recreation &  
Cultural Services



**Haldimand**  
County



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST  
SUMMARY

FIR Category: Recreation & Cultural Services Stage: Draft Budget	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/ure Financing	Total Financing
<b>Caledonia Parks</b>	2,425,000	125,000	40,000	15,000	100,000	400,000	120,000		20,000		3,245,000			(2,070,000)	(1,175,000)		(3,245,000)
<b>Cayuga Parks</b>	50,000	100,000	400,000			150,000					700,000		(284,000)		(416,000)		(700,000)
<b>Dunnville Parks</b>	269,000	155,000	300,000	472,000		565,000	125,000				1,886,000				(1,886,000)		(1,886,000)
<b>General Parks</b>	15,000	55,000	68,000	68,000	68,000	68,000	68,000	68,000	68,000	68,000	614,000		(50,000)	(405,000)	(159,000)		(614,000)
<b>Hagersville Parks</b>	110,000		400,000	92,000	80,000						682,000		(284,000)		(398,000)		(682,000)
<b>Nanticoke Parks</b>	520,000	7,000	405,000								932,000				(932,000)		(932,000)
<b>Trails and Pathways</b>	90,000	670,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	840,000			(633,000)	(207,000)		(840,000)
<b>Total Parks</b>	<b>3,479,000</b>	<b>1,112,000</b>	<b>1,623,000</b>	<b>657,000</b>	<b>258,000</b>	<b>1,193,000</b>	<b>323,000</b>	<b>78,000</b>	<b>98,000</b>	<b>78,000</b>	<b>8,899,000</b>		<b>(618,000)</b>	<b>(3,108,000)</b>	<b>(5,173,000)</b>		<b>(8,899,000)</b>
<b>Community Development &amp; Partnerships</b>	2,500	2,500									5,000				(5,000)		(5,000)
<b>Total Community Development and Partnerships</b>	<b>2,500</b>	<b>2,500</b>									<b>5,000</b>				<b>(5,000)</b>		<b>(5,000)</b>
<b>Community Partnership Program</b>	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)
<b>Total Community Partnership</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>1,500,000</b>				<b>(1,500,000)</b>		<b>(1,500,000)</b>
<b>Cayuga Memorial Arena</b>	107,000	135,000	15,000	122,000	22,000	42,000	20,000	15,000	10,000	10,000	498,000				(498,000)		(498,000)
<b>Dunnville Memorial Arena</b>	96,000	135,000	31,000	22,000	110,000	41,000	30,000	31,000	10,000	10,000	516,000				(516,000)		(516,000)
<b>General Arenas</b>	20,000	65,000	60,000	50,000	75,000	50,000	65,000	50,000	50,000	50,000	535,000				(535,000)		(535,000)
<b>Hagersville Arena</b>	171,000	10,000	70,000	20,000	12,000	563,000	10,000		20,000	10,000	886,000				(886,000)		(886,000)
<b>Haldimand County Caledonia Centre</b>	563,000		401,500	557,000	50,000	73,000	32,000		26,000	32,000	1,734,500				(1,734,500)		(1,734,500)
<b>Total Arenas</b>	<b>957,000</b>	<b>345,000</b>	<b>577,500</b>	<b>771,000</b>	<b>269,000</b>	<b>769,000</b>	<b>157,000</b>	<b>96,000</b>	<b>116,000</b>	<b>112,000</b>	<b>4,169,500</b>				<b>(4,169,500)</b>		<b>(4,169,500)</b>
<b>Caledonia Pools</b>	47,000			36,000	25,000	75,000		15,000	20,000	32,000	250,000				(250,000)		(250,000)
<b>Dunnville Pools</b>		5,000	705,000	50,000			150,000				910,000				(910,000)		(910,000)
<b>Hagersville Pools</b>					530,000	75,000	150,000				755,000				(755,000)		(755,000)
<b>Total Pools</b>	<b>47,000</b>	<b>5,000</b>	<b>705,000</b>	<b>86,000</b>	<b>555,000</b>	<b>150,000</b>	<b>300,000</b>	<b>15,000</b>	<b>20,000</b>	<b>32,000</b>	<b>1,915,000</b>				<b>(1,915,000)</b>		<b>(1,915,000)</b>
<b>Community Halls Partnership Program</b>	714,460	400,800	42,700	62,700	42,700	97,800	410,000	175,000	50,000	50,000	2,046,160				(2,046,160)		(2,046,160)
<b>Total Community Halls Partnership</b>	<b>714,460</b>	<b>400,800</b>	<b>42,700</b>	<b>62,700</b>	<b>42,700</b>	<b>97,800</b>	<b>410,000</b>	<b>175,000</b>	<b>50,000</b>	<b>50,000</b>	<b>2,046,160</b>				<b>(2,046,160)</b>		<b>(2,046,160)</b>
<b>Caledonia Library</b>	119,410	77,910	48,410	132,910	48,410	95,410	48,410	48,410	70,910	48,410	738,600			(23,600)	(715,000)		(738,600)
<b>Cayuga Library</b>	21,900	24,200	21,900	21,900	21,900	21,900	21,900	21,900	21,900	29,400	228,800			(23,600)	(205,200)		(228,800)
<b>Dunnville Library</b>	148,330	316,030	49,030	52,530	49,030	54,230	49,030	49,030	84,930	49,030	901,200			(23,600)	(877,600)		(901,200)
<b>Hagersville Library</b>	3,823,100	25,300	25,300	25,300	25,300	25,300	25,300	25,300	27,600	25,300	4,053,100			(536,090)	(390,900)	(3,126,110)	(4,053,100)
<b>Jarvis Library</b>	28,400	26,500	24,200	24,200	24,200	24,200	24,200	24,200	48,700	26,500	275,300			(23,600)	(251,700)		(275,300)
<b>Library Administration</b>	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)

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST  
SUMMARY

<b>FIR Category: Recreation &amp; Cultural Services</b> <b>Stage: Draft Budget</b>	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	<b>Total Expenditures</b>	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	<b>Total Financing</b>
Selkirk Library	24,050	21,750	21,750	21,750	21,750	25,750	21,750	71,750	24,050	21,750	276,100			(23,600)	(252,500)		(276,100)
<b>Total Libraries</b>	<b>4,170,190</b>	<b>496,690</b>	<b>195,590</b>	<b>283,590</b>	<b>195,590</b>	<b>251,790</b>	<b>195,590</b>	<b>245,590</b>	<b>283,090</b>	<b>205,390</b>	<b>6,523,100</b>			<b>(654,090)</b>	<b>(2,742,900)</b>	<b>(3,126,110)</b>	<b>(6,523,100)</b>
Edinburgh Square	33,000	61,000	336,600								430,600				(430,600)		(430,600)
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	31,000	165,000			9,500						205,500				(205,500)		(205,500)
<b>Total Cultural Services</b>	<b>69,000</b>	<b>231,000</b>	<b>341,600</b>	<b>5,000</b>	<b>14,500</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>686,100</b>				<b>(686,100)</b>		<b>(686,100)</b>
<b>Total Recreation &amp; Cultural</b>	<b>9,589,150</b>	<b>2,742,990</b>	<b>3,635,390</b>	<b>2,015,290</b>	<b>1,484,790</b>	<b>2,616,590</b>	<b>1,540,590</b>	<b>764,590</b>	<b>722,090</b>	<b>632,390</b>	<b>25,743,860</b>		<b>(618,000)</b>	<b>(3,762,090)</b>	<b>(18,237,660)</b>	<b>(3,126,110)</b>	<b>(25,743,860)</b>



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Parks	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Caledonia Parks</b>																	
<b>Replacement/State of Good Repair</b>																	
722010 CAL - Williamson Woods Playground Replacement		125,000									125,000				(125,000)		(125,000)
722011 CAL - Kinsmen Mill Race cleanup	15,000			15,000			15,000				45,000				(45,000)		(45,000)
722012 CAL - Kinsmen Backstop & Fencing Replc.									20,000		20,000				(20,000)		(20,000)
722013 CAL - Kinsmen Light Fixture & Pole Replc.					100,000						100,000				(100,000)		(100,000)
722014 CAL - Dunrobin Park Playground Replacement						125,000					125,000				(125,000)		(125,000)
722015 CAL - Scott Park Playground Replacement						125,000					125,000				(125,000)		(125,000)
722016 CAL - Kinsmen replace pavilion							75,000				75,000				(75,000)		(75,000)
722017 CAL - Kinsmen replace exercise equip & base							30,000				30,000				(30,000)		(30,000)
722018 CAL - York Park Playground Replacement						150,000					150,000				(150,000)		(150,000)
722019 Cal-Lafortune Park Pavilion roof			40,000								40,000				(40,000)		(40,000)
722020 CAL-Lower Lafortune park parking lot and road improvements	85,000										85,000				(85,000)		(85,000)
722021 Caledonia Lawn Bowling Building Renovations	25,000										25,000				(25,000)		(25,000)
<b>Total Replacement/State of Good Repair</b>	<b>125,000</b>	<b>125,000</b>	<b>40,000</b>	<b>15,000</b>	<b>100,000</b>	<b>400,000</b>	<b>120,000</b>		<b>20,000</b>		<b>945,000</b>				<b>(945,000)</b>		<b>(945,000)</b>
<b>New/Enhanced Service</b>																	
722022 CAL - Avalon Park Central Green	2,300,000										2,300,000			(2,070,000)	(230,000)		(2,300,000)
<b>Total New/Enhanced Service</b>	<b>2,300,000</b>										<b>2,300,000</b>			<b>(2,070,000)</b>	<b>(230,000)</b>		<b>(2,300,000)</b>
<b>Total Caledonia Parks</b>	<b>2,425,000</b>	<b>125,000</b>	<b>40,000</b>	<b>15,000</b>	<b>100,000</b>	<b>400,000</b>	<b>120,000</b>		<b>20,000</b>		<b>3,245,000</b>			<b>(2,070,000)</b>	<b>(1,175,000)</b>		<b>(3,245,000)</b>
<b>Cayuga Parks</b>																	
<b>Replacement/State of Good Repair</b>																	
725006 FISH - Ball Park Fence Replacement	20,000										20,000				(20,000)		(20,000)

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



# HALDIMAND COUNTY

## 2020 to 2029 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Parks	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
<b>Cayuga Parks</b>																	
725009 CAY - Skate Park/Tennis Court Replac.			400,000								400,000		(284,000)		(116,000)		(400,000)
725010 CAY - Canfield Playground Replacement						150,000					150,000				(150,000)		(150,000)
725011 CAY-Decewsville Park Replacement Playground Equipment	30,000										30,000				(30,000)		(30,000)
<b>Total Replacement/State of Good Repair</b>	<b>50,000</b>		<b>400,000</b>			<b>150,000</b>					<b>600,000</b>		<b>(284,000)</b>		<b>(316,000)</b>		<b>(600,000)</b>
<b>New/Enhanced Service</b>																	
725007 Cayuga Village on the Green Landscape		100,000									100,000				(100,000)		(100,000)
<b>Total New/Enhanced Service</b>		<b>100,000</b>									<b>100,000</b>				<b>(100,000)</b>		<b>(100,000)</b>
<b>Total Cayuga Parks</b>	<b>50,000</b>	<b>100,000</b>	<b>400,000</b>			<b>150,000</b>					<b>700,000</b>		<b>(284,000)</b>		<b>(416,000)</b>		<b>(700,000)</b>
<b>Dunnville Parks</b>																	
<b>Replacement/State of Good Repair</b>																	
726011 DUNN - Canborough Playground Replacement	10,000										10,000				(10,000)		(10,000)
726012 DUNN - Lions Park Electrical Upgrades	7,000										7,000				(7,000)		(7,000)
726014 DUNN - Lions Replace Building Roof/Eavestrough			250,000								250,000				(250,000)		(250,000)
726015 DUNN - Parks Workshop Replacement				472,000							472,000				(472,000)		(472,000)
726016 DUNN - Central Park Playground Replacement						125,000					125,000				(125,000)		(125,000)
726017 DUNN - Kinsmen replace bldg roof/eavestrough							125,000				125,000				(125,000)		(125,000)
726018 DUNN-Central Park Border Upgrades	15,000										15,000				(15,000)		(15,000)
726019 DUNN-Kinsmen Park Exterior Fence	20,000										20,000				(20,000)		(20,000)
726020 DUNN-Kinsmen Park Diamond Fence	20,000										20,000				(20,000)		(20,000)
726021 Dun - Lions Park Pavilion Roof Replacement		40,000									40,000				(40,000)		(40,000)
726022 Port Maitland East Breakwall Extension						290,000					290,000				(290,000)		(290,000)

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Parks	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Dunnville Parks</b>																	
726023 Port Maitland East Boat Launch Replacement						150,000					150,000				(150,000)		(150,000)
729001 DUNN- Pt. Maitland Lighthouse Repairs	110,000										110,000				(110,000)		(110,000)
729004 DUNN - Pt. Maitland Dock Replacement			50,000								50,000				(50,000)		(50,000)
<b>Total Replacement/State of Good Repair</b>	<b>182,000</b>	<b>40,000</b>	<b>300,000</b>	<b>472,000</b>		<b>565,000</b>	<b>125,000</b>				<b>1,684,000</b>				<b>(1,684,000)</b>		<b>(1,684,000)</b>
<b>New/Enhanced Service</b>																	
726013 DUNN - Lions Park Fence & Pathway		115,000									115,000				(115,000)		(115,000)
729003 DUNN - Pt. Maitland Pier Improvements Study	15,000										15,000				(15,000)		(15,000)
729005 DUNN - Pt. Maitland Parking Lot	72,000										72,000				(72,000)		(72,000)
<b>Total New/Enhanced Service</b>	<b>87,000</b>	<b>115,000</b>									<b>202,000</b>				<b>(202,000)</b>		<b>(202,000)</b>
<b>Total Dunnville Parks</b>	<b>269,000</b>	<b>155,000</b>	<b>300,000</b>	<b>472,000</b>		<b>565,000</b>	<b>125,000</b>				<b>1,886,000</b>				<b>(1,886,000)</b>		<b>(1,886,000)</b>
<b>General Parks</b>																	
<b>Replacement/State of Good Repair</b>																	
721014 GEN PARK - Bench/Garbage Receptacle Replacement			10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000				(80,000)		(80,000)
721015 GEN Park - Picnic Table Replacement			3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	24,000				(24,000)		(24,000)
<b>Total Replacement/State of Good Repair</b>			<b>13,000</b>	<b>13,000</b>	<b>13,000</b>	<b>13,000</b>	<b>13,000</b>	<b>13,000</b>	<b>13,000</b>	<b>13,000</b>	<b>104,000</b>				<b>(104,000)</b>		<b>(104,000)</b>
<b>New/Enhanced Service</b>																	
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)				(50,000)
721012 GEN PARK - Pickleball Initiative	10,000										10,000				(10,000)		(10,000)
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	450,000			(405,000)	(45,000)		(450,000)
<b>Total New/Enhanced Service</b>	<b>15,000</b>	<b>55,000</b>	<b>55,000</b>	<b>55,000</b>	<b>55,000</b>	<b>55,000</b>	<b>55,000</b>	<b>55,000</b>	<b>55,000</b>	<b>55,000</b>	<b>510,000</b>		<b>(50,000)</b>	<b>(405,000)</b>	<b>(55,000)</b>		<b>(510,000)</b>
<b>Total General Parks</b>	<b>15,000</b>	<b>55,000</b>	<b>68,000</b>	<b>68,000</b>	<b>68,000</b>	<b>68,000</b>	<b>68,000</b>	<b>68,000</b>	<b>68,000</b>	<b>68,000</b>	<b>614,000</b>		<b>(50,000)</b>	<b>(405,000)</b>	<b>(159,000)</b>		<b>(614,000)</b>



## HALDIMAND COUNTY

2020 to 2029 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Parks	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Hagersville Parks</b>																	
<b>Replacement/State of Good Repair</b>																	
723005 HAG - Grant Kett Bleacher Replc.	30,000										30,000				(30,000)		(30,000)
723006 HAG - Grant Kett Ball Light Replc.					80,000						80,000				(80,000)		(80,000)
723007 HAG - Replace skateboard park			400,000								400,000		(284,000)		(116,000)		(400,000)
723008 HAG - Grant Kett Concession/Washroom Replc.				72,000							72,000				(72,000)		(72,000)
723009 HAG - Grant Kett Pavilion Roof Replc.				20,000							20,000				(20,000)		(20,000)
723010 HAG - Grant Kett Driveway Relocation	80,000										80,000				(80,000)		(80,000)
<b>Total Replacement/State of Good Repair</b>	<b>110,000</b>		<b>400,000</b>	<b>92,000</b>	<b>80,000</b>						<b>682,000</b>		<b>(284,000)</b>		<b>(398,000)</b>		<b>(682,000)</b>
<b>Total Hagersville Parks</b>	<b>110,000</b>		<b>400,000</b>	<b>92,000</b>	<b>80,000</b>						<b>682,000</b>		<b>(284,000)</b>		<b>(398,000)</b>		<b>(682,000)</b>
<b>Nanticoke Parks</b>																	
<b>Replacement/State of Good Repair</b>																	
727003 TOWN - Lions Park Roof Repair/Maintenance	250,000										250,000				(250,000)		(250,000)
727004 TOWN - Playground Equipment Replc.			150,000								150,000				(150,000)		(150,000)
727005 TOWN - Lions Pavilion HVAC Replacement		7,000									7,000				(7,000)		(7,000)
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)
727009 Townsend Park Pond, Trail & Appurtenances	270,000										270,000				(270,000)		(270,000)
<b>Total Replacement/State of Good Repair</b>	<b>520,000</b>	<b>7,000</b>	<b>350,000</b>								<b>877,000</b>				<b>(877,000)</b>		<b>(877,000)</b>
<b>New/Enhanced Service</b>																	
727008 Jarvis Meadow Pathway/trail			55,000								55,000				(55,000)		(55,000)
<b>Total New/Enhanced Service</b>			<b>55,000</b>								<b>55,000</b>				<b>(55,000)</b>		<b>(55,000)</b>
<b>Total Nanticoke Parks</b>	<b>520,000</b>	<b>7,000</b>	<b>405,000</b>								<b>932,000</b>				<b>(932,000)</b>		<b>(932,000)</b>

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Parks	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Trails and Pathways</b>																	
<b>Replacement/State of Good Repair</b>																	
721002 Trails-Capital Maintenance	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000				(100,000)		(100,000)
<b>Total Replacement/State of Good Repair</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>100,000</b>				<b>(100,000)</b>		<b>(100,000)</b>
<b>New/Enhanced Service</b>																	
721007 Feeder Canal - Niagara to Dunnville - Study	30,000										30,000			(27,000)	(3,000)		(30,000)
721008 Rail Park - Cedar St to Robinson Rd.- Study	10,000										10,000			(9,000)	(1,000)		(10,000)
721009 Dunnville Arena to Soccer Park - Study	10,000										10,000			(9,000)	(1,000)		(10,000)
721010 Marshall Woodlot - Study	10,000										10,000			(9,000)	(1,000)		(10,000)
721011 Burke Park Haller Park Black Creek Park Kincardine Empire - Study	10,000										10,000			(9,000)	(1,000)		(10,000)
721016 Cayuga Bridge and Rail Trail Trailhead	10,000	90,000									100,000				(100,000)		(100,000)
725008 River Rd - On-Route Cycling Lane - Hwy 3 to Sutor [R]		570,000									570,000			(570,000)			(570,000)
<b>Total New/Enhanced Service</b>	<b>80,000</b>	<b>660,000</b>									<b>740,000</b>			<b>(633,000)</b>	<b>(107,000)</b>		<b>(740,000)</b>
<b>Total Trails and Pathways</b>	<b>90,000</b>	<b>670,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>840,000</b>			<b>(633,000)</b>	<b>(207,000)</b>		<b>(840,000)</b>
<b>Total Parks</b>	<b>3,479,000</b>	<b>1,112,000</b>	<b>1,623,000</b>	<b>657,000</b>	<b>258,000</b>	<b>1,193,000</b>	<b>323,000</b>	<b>78,000</b>	<b>98,000</b>	<b>78,000</b>	<b>8,899,000</b>		<b>(618,000)</b>	<b>(3,108,000)</b>	<b>(5,173,000)</b>		<b>(8,899,000)</b>



**HALDIMAND COUNTY**  
2020 to 2029 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
<b>Community Development and Partnerships</b>	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029							
Community Development & Partnerships																	
<b>New/Enhanced Service</b>																	
791004 Picnic Tables-Additional Stock	2,500	2,500									5,000				(5,000)	(5,000)	
<b>Total New/Enhanced Service</b>	<b>2,500</b>	<b>2,500</b>									<b>5,000</b>				<b>(5,000)</b>	<b>(5,000)</b>	
<b>Total Community Development &amp; Partnerships</b>	<b>2,500</b>	<b>2,500</b>									<b>5,000</b>				<b>(5,000)</b>	<b>(5,000)</b>	
<b>Total Community Development and Partnerships</b>	<b>2,500</b>	<b>2,500</b>									<b>5,000</b>				<b>(5,000)</b>	<b>(5,000)</b>	



**HALDIMAND COUNTY**  
2020 to 2029 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
<b>Community Partnership Program</b>																		
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029								
Community Partnership Program																		
<b>New/Enhanced Service</b>																		
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)		
<b>Total New/Enhanced Service</b>	<b>150,000</b>	<b>1,500,000</b>			<b>(1,500,000)</b>	<b>(1,500,000)</b>												
<b>Total Community Partnership Program</b>	<b>150,000</b>	<b>1,500,000</b>			<b>(1,500,000)</b>	<b>(1,500,000)</b>												
<b>Total Community Partnership Program</b>	<b>150,000</b>	<b>1,500,000</b>			<b>(1,500,000)</b>	<b>(1,500,000)</b>												

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Arenas		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
<b>Cayuga Memorial Arena</b>																			
<b>Replacement/State of Good Repair</b>																			
745001	CAY - Ice Resurfacers HW Heater/Tank Replc.	16,000					16,000					32,000				(32,000)		(32,000)	
745002	CAY - Arena Compressor Rebuilds	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000				(100,000)		(100,000)	
745003	CAY - Arena Floor Scrubber Replc.					12,000						12,000				(12,000)		(12,000)	
745008	CAY - Refrig Computer Equip Repl		40,000									40,000				(40,000)		(40,000)	
745009	CAY - Replace Hand Dryers		20,000									20,000				(20,000)		(20,000)	
745010	CAY - Arena Chiller Gasket Replacements		20,000									20,000				(20,000)		(20,000)	
745011	CAY - Arena Condenser Drum Replacement		30,000									30,000				(30,000)		(30,000)	
745012	CAY - Arena Glycol Pump & Motor Replacement		10,000									10,000				(10,000)		(10,000)	
745013	CAY - Arena Cond. Water Line Valve Replacement		5,000									5,000				(5,000)		(5,000)	
745014	CAY - Arena HW Heater Replacements	16,000					16,000					32,000				(32,000)		(32,000)	
745015	CAY - Structural Inspection			5,000					5,000			10,000				(10,000)		(10,000)	
745016	CAY - Arena Rubber Floor Replacement				100,000							100,000				(100,000)		(100,000)	
745017	CAY - Arena Concession/Kitchen Equip. Replc.				12,000							12,000				(12,000)		(12,000)	
745018	CAY - Outdoor Sign Repl							10,000				10,000				(10,000)		(10,000)	
745020	Cayuga Arena LED Lighting Retrofit	60,000										60,000				(60,000)		(60,000)	
<b>Total Replacement/State of Good Repair</b>		<b>102,000</b>	<b>135,000</b>	<b>15,000</b>	<b>122,000</b>	<b>22,000</b>	<b>42,000</b>	<b>20,000</b>	<b>15,000</b>	<b>10,000</b>	<b>10,000</b>	<b>493,000</b>				<b>(493,000)</b>		<b>(493,000)</b>	
<b>New/Enhanced Service</b>																			
745019	CAY-Water Bottle Fill Station	5,000										5,000				(5,000)		(5,000)	
<b>Total New/Enhanced Service</b>		<b>5,000</b>										<b>5,000</b>				<b>(5,000)</b>		<b>(5,000)</b>	
<b>Total Cayuga Memorial Arena</b>		<b>107,000</b>	<b>135,000</b>	<b>15,000</b>	<b>122,000</b>	<b>22,000</b>	<b>42,000</b>	<b>20,000</b>	<b>15,000</b>	<b>10,000</b>	<b>10,000</b>	<b>498,000</b>				<b>(498,000)</b>		<b>(498,000)</b>	

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



## HALDIMAND COUNTY

### 2020 to 2029 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
2020	2021	2022	2023	2024	2025	2026	2027	2028	2029									
<b>Dunnville Memorial Arena</b>																		
<b>Replacement/State of Good Repair</b>																		
746001	DUNN - Arena Compressor Rebuilds	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000				(100,000)	(100,000)	
746002	DUNN - Ice Resurfer HW Heater/Tank Replc.	16,000				16,000						32,000				(32,000)	(32,000)	
746004	DUNN - Arena Floor Scrubber Replc.					15,000						15,000				(15,000)	(15,000)	
746005	DUNN - Refrig Computer Equip Repl		40,000									40,000				(40,000)	(40,000)	
746006	DUNN - Replace Hand Dryers		20,000									20,000				(20,000)	(20,000)	
746007	DUNN - Arena Chiller Gasket Replc.		20,000									20,000				(20,000)	(20,000)	
746008	DUNN - Arena Condenser Drum Replacement		40,000									40,000				(40,000)	(40,000)	
746009	DUNN - Arena Cond. Water Line Valve Replacement		5,000									5,000				(5,000)	(5,000)	
746010	DUNN - Arena HW Heater Replc.			16,000			16,000					32,000				(32,000)	(32,000)	
746011	DUNN - Structural Inspection			5,000			5,000					10,000				(10,000)	(10,000)	
746012	DUNN - Arena Concession Equip. Replc.				12,000		5,000					17,000				(17,000)	(17,000)	
746013	DUNN - Arena Rubber Floor Replacement					100,000						100,000				(100,000)	(100,000)	
746014	DUNN - Outdoor Sign Repl							10,000				10,000				(10,000)	(10,000)	
746015	DUNN - Arena Dehumidification Seal Replacement						5,000					5,000				(5,000)	(5,000)	
746022	DUNN-Exhaust Piping Replacement	5,000										5,000				(5,000)	(5,000)	
746023	Dunnville Arena LED Lighting Retrofit	60,000										60,000				(60,000)	(60,000)	
<b>Total Replacement/State of Good Repair</b>		<b>91,000</b>	<b>135,000</b>	<b>31,000</b>	<b>22,000</b>	<b>110,000</b>	<b>41,000</b>	<b>30,000</b>	<b>31,000</b>	<b>10,000</b>	<b>10,000</b>	<b>511,000</b>				<b>(511,000)</b>	<b>(511,000)</b>	
<b>New/Enhanced Service</b>																		
746021	DUNN-Water Bottle Fill Station	5,000										5,000				(5,000)	(5,000)	
<b>Total New/Enhanced Service</b>		<b>5,000</b>										<b>5,000</b>				<b>(5,000)</b>	<b>(5,000)</b>	
<b>Total Dunnville Memorial Arena</b>		<b>96,000</b>	<b>135,000</b>	<b>31,000</b>	<b>22,000</b>	<b>110,000</b>	<b>41,000</b>	<b>30,000</b>	<b>31,000</b>	<b>10,000</b>	<b>10,000</b>	<b>516,000</b>				<b>(516,000)</b>	<b>(516,000)</b>	

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



## HALDIMAND COUNTY

2020 to 2029 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Arenas	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Financing	Total Financing
<b>General Arenas</b>																	
<b>Replacement/State of Good Repair</b>																	
741001 ARENA ADMIN - Digital Display Replacement		15,000			25,000		15,000				55,000				(55,000)		(55,000)
741002 ARENA ADMIN - IP Security Camera Replc.	20,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	470,000				(470,000)		(470,000)
741003 GEN ARENA - Table & Chair Replacements			10,000								10,000				(10,000)		(10,000)
<b>Total Replacement/State of Good Repair</b>	<b>20,000</b>	<b>65,000</b>	<b>60,000</b>	<b>50,000</b>	<b>75,000</b>	<b>50,000</b>	<b>65,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>535,000</b>				<b>(535,000)</b>		<b>(535,000)</b>
<b>Total General Arenas</b>	<b>20,000</b>	<b>65,000</b>	<b>60,000</b>	<b>50,000</b>	<b>75,000</b>	<b>50,000</b>	<b>65,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>535,000</b>				<b>(535,000)</b>		<b>(535,000)</b>
<b>Hagersville Arena</b>																	
<b>Replacement/State of Good Repair</b>																	
743002 HAG - Arena Floor Scrubber Replc.					12,000						12,000				(12,000)		(12,000)
743006 HAG - Arena Compressor Rebuild	10,000		10,000	10,000		10,000	10,000		10,000	10,000	70,000				(70,000)		(70,000)
743008 HAG - Arena Evaporator/Condensor Replc.	150,000										150,000				(150,000)		(150,000)
743009 HAG - Structural Inspection	5,000					5,000					10,000				(10,000)		(10,000)
743010 HAG - Concession Equipment Replacements	1,000					8,000					9,000				(9,000)		(9,000)
743011 HAG - Arena Brine Pump Replacement		10,000									10,000				(10,000)		(10,000)
743012 HAG - Arena Header Replacement			30,000								30,000				(30,000)		(30,000)
743013 HAG - Retrofit Exterior Lighting			30,000								30,000				(30,000)		(30,000)
743014 HAG - Arena Bldg HW Tank Replc.				6,000					6,000		12,000				(12,000)		(12,000)
743015 HAG - Ice Resurfacers HW Heater/Tank Replc.				4,000					4,000		8,000				(8,000)		(8,000)
743016 HAG - Arena Parking Lot Resurfacing						500,000					500,000				(500,000)		(500,000)
743017 HAG - Arena Chiller Gasket Replacement						40,000					40,000				(40,000)		(40,000)
<b>Total Replacement/State of Good Repair</b>	<b>166,000</b>	<b>10,000</b>	<b>70,000</b>	<b>20,000</b>	<b>12,000</b>	<b>563,000</b>	<b>10,000</b>		<b>20,000</b>	<b>10,000</b>	<b>881,000</b>				<b>(881,000)</b>		<b>(881,000)</b>

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



# HALDIMAND COUNTY

## 2020 to 2029 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						
2020	2021	2022	2023	2024	2025	2026	2027	2028	2029														
<b>Hagersville Arena</b>																							
<b>New/Enhanced Service</b>																							
743018	HAG ARENA- Water Bottle Fill Stations										5,000				(5,000)	(5,000)							
<b>Total New/Enhanced Service</b>											<b>5,000</b>				<b>(5,000)</b>	<b>(5,000)</b>							
<b>Total Hagersville Arena</b>											<b>171,000</b>	<b>10,000</b>	<b>70,000</b>	<b>20,000</b>	<b>12,000</b>	<b>563,000</b>	<b>10,000</b>	<b>20,000</b>	<b>10,000</b>	<b>886,000</b>		<b>(886,000)</b>	<b>(886,000)</b>
<b>Haldimand County Caledonia Centre</b>																							
<b>Replacement/State of Good Repair</b>																							
744001	HCCC - Ice Resurfacer HW Heater & Tank Replc.										16,000				16,000	32,000	(32,000)	(32,000)					
744002	HCCC - Arena Skate Tile Replacement												305,500			305,500	(305,500)	(305,500)					
744003	HCCC - Arena HW Heater Replacements										32,000				32,000	64,000	(64,000)	(64,000)					
744005	HCCC - Arena Scoreboard Replacements												20,000			20,000	(20,000)	(20,000)					
744008	HCCC- Building Condition Repairs/Replc.										10,000					10,000	(10,000)	(10,000)					
744010	HCCC - Automated Refrigeration System Replacement										60,000					60,000	(60,000)	(60,000)					
744017	HCCC - Arena Compressor Rebuilds										20,000		20,000	20,000	20,000	20,000	20,000	20,000	140,000	(140,000)	(140,000)		
744020	HCCC - Washroom Partition Replacement												75,000			75,000	(75,000)	(75,000)					
744021	HCCC - Concession Security Gate										30,000					30,000	(30,000)	(30,000)					
744022	HCCC - Arena Floor Scrubber Replc										12,000		12,000		12,000	48,000	(48,000)	(48,000)					
744023	HCCC - Outdoor Sign Repl												30,000			30,000	(30,000)	(30,000)					
744024	HCCC - Structural Inspection										5,000				5,000	10,000	(10,000)	(10,000)					
744025	HCCC - Arena Glycol Pump Replacement										3,000					3,000	(3,000)	(3,000)					
744026	HCCC - Arena Booster Pump Replc.												6,000		6,000	12,000	(12,000)	(12,000)					
744027	HCCC - Arena Parking Lot Resurfacing/Lining												450,000			450,000	(450,000)	(450,000)					

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
<b>Arenas</b>																			
Haldimand County Caledonia Centre																			
744028	HCCC - Arena Computer System Replacement	60,000										60,000				(60,000)		(60,000)	
744029	HCCC - Ice Making Water Trtmt Syst. Replc					30,000						30,000				(30,000)		(30,000)	
744032	HCCC- Garden Redevelopment			40,000								40,000				(40,000)		(40,000)	
<b>Total Replacement/State of Good Repair</b>		<b>248,000</b>		<b>401,500</b>	<b>557,000</b>	<b>50,000</b>	<b>73,000</b>	<b>32,000</b>		<b>26,000</b>	<b>32,000</b>	<b>1,419,500</b>				<b>(1,419,500)</b>		<b>(1,419,500)</b>	
<b>New/Enhanced Service</b>																			
744030	HCCC - Water Bottle filling stations	15,000										15,000				(15,000)		(15,000)	
744031	HCCC - HVAC & Humidification System	300,000										300,000				(300,000)		(300,000)	
<b>Total New/Enhanced Service</b>		<b>315,000</b>										<b>315,000</b>				<b>(315,000)</b>		<b>(315,000)</b>	
<b>Total Haldimand County Caledonia Centre</b>		<b>563,000</b>		<b>401,500</b>	<b>557,000</b>	<b>50,000</b>	<b>73,000</b>	<b>32,000</b>		<b>26,000</b>	<b>32,000</b>	<b>1,734,500</b>				<b>(1,734,500)</b>		<b>(1,734,500)</b>	
<b>Total Arenas</b>		<b>957,000</b>	<b>345,000</b>	<b>577,500</b>	<b>771,000</b>	<b>269,000</b>	<b>769,000</b>	<b>157,000</b>	<b>96,000</b>	<b>116,000</b>	<b>112,000</b>	<b>4,169,500</b>				<b>(4,169,500)</b>		<b>(4,169,500)</b>	



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Pools	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Caledonia Pools</b>																	
<b>Replacement/State of Good Repair</b>																	
762001 CAL - Splash Pad Controller & Housing				20,000					20,000		40,000				(40,000)		(40,000)
762004 CAL - Ultraviolet Units	32,000									32,000	64,000				(64,000)		(64,000)
762005 CAL - Replace Pool Filter & Sand	15,000				5,000			15,000			35,000				(35,000)		(35,000)
762006 CAL - Sandblast & Repaint Pool Bowls						75,000					75,000				(75,000)		(75,000)
762007 CAL-Pool Pump\Motor Replacement				10,000							10,000				(10,000)		(10,000)
762008 CAL - Water Treatment Controllers				6,000							6,000				(6,000)		(6,000)
762009 CAL - Pool Heater Replacement					20,000						20,000				(20,000)		(20,000)
<b>Total Replacement/State of Good Repair</b>	<b>47,000</b>			<b>36,000</b>	<b>25,000</b>	<b>75,000</b>		<b>15,000</b>	<b>20,000</b>	<b>32,000</b>	<b>250,000</b>				<b>(250,000)</b>		<b>(250,000)</b>
<b>Total Caledonia Pools</b>	<b>47,000</b>			<b>36,000</b>	<b>25,000</b>	<b>75,000</b>		<b>15,000</b>	<b>20,000</b>	<b>32,000</b>	<b>250,000</b>				<b>(250,000)</b>		<b>(250,000)</b>
<b>Dunnville Pools</b>																	
<b>Replacement/State of Good Repair</b>																	
766001 DUNN - Pool Change House Replacement			530,000								530,000				(530,000)		(530,000)
766002 DUNN - Pool Filter House Replacement			75,000								75,000				(75,000)		(75,000)
766003 DUNN - Pool Filter Replacements			25,000								25,000				(25,000)		(25,000)
766004 DUNN - Pool Pump\Motor Replacement		5,000									5,000				(5,000)		(5,000)
766005 DUNN - Sandblast & Repaint Pool Bowls			75,000								75,000				(75,000)		(75,000)
766006 DUNN - Wading Pool Decomissioning				50,000							50,000				(50,000)		(50,000)
766007 DUNN - Replace Pool Lines & Deck							150,000				150,000				(150,000)		(150,000)
<b>Total Replacement/State of Good Repair</b>		<b>5,000</b>	<b>705,000</b>	<b>50,000</b>			<b>150,000</b>				<b>910,000</b>				<b>(910,000)</b>		<b>(910,000)</b>
<b>Total Dunnville Pools</b>		<b>5,000</b>	<b>705,000</b>	<b>50,000</b>			<b>150,000</b>				<b>910,000</b>				<b>(910,000)</b>		<b>(910,000)</b>



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Pools	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Hagersville Pools																	
<b>Replacement/State of Good Repair</b>																	
763005 HAG - Sandblast & Repaint Pool Bowls						75,000					75,000				(75,000)		(75,000)
763006 HAG - Pool Change House Replacement					530,000						530,000				(530,000)		(530,000)
763007 HAG - Replace Pool Lines & Deck							150,000				150,000				(150,000)		(150,000)
<b>Total Replacement/State of Good Repair</b>					<b>530,000</b>	<b>75,000</b>	<b>150,000</b>				<b>755,000</b>				<b>(755,000)</b>		<b>(755,000)</b>
<b>Total Hagersville Pools</b>					<b>530,000</b>	<b>75,000</b>	<b>150,000</b>				<b>755,000</b>				<b>(755,000)</b>		<b>(755,000)</b>
<b>Total Pools</b>	<b>47,000</b>	<b>5,000</b>	<b>705,000</b>	<b>86,000</b>	<b>555,000</b>	<b>150,000</b>	<b>300,000</b>	<b>15,000</b>	<b>20,000</b>	<b>32,000</b>	<b>1,915,000</b>				<b>(1,915,000)</b>		<b>(1,915,000)</b>

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Debt Financing	Total Financing
Community Halls Partnership Program	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029							
Community Halls Partnership Program																	
<b>Replacement/State of Good Repair</b>																	
750003 Comm. Centres - Roofing Repairs	124,260	22,700	22,700	22,700	22,700	57,800	30,000	30,000	30,000	30,000	<b>392,860</b>			(392,860)	<b>(392,860)</b>		
750004 Comm. Centres- Asbestos Mgmt	15,200	150,800									<b>166,000</b>			(166,000)	<b>(166,000)</b>		
750005 Comm. Centres - HVAC Replacements	10,000	160,000		20,000		20,000		125,000			<b>335,000</b>			(335,000)	<b>(335,000)</b>		
750007 Hald Agri CC -Cistern Repl/Fndtn Repr	100,000										<b>100,000</b>			(100,000)	<b>(100,000)</b>		
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	<b>200,000</b>			(200,000)	<b>(200,000)</b>		
750042 Cayuga Kins. CC - Parking Lot Repl.							260,000				<b>260,000</b>			(260,000)	<b>(260,000)</b>		
750043 Rainham CC - Roof/Siding Replacement	150,000										<b>150,000</b>			(150,000)	<b>(150,000)</b>		
750044 Hagersville CC - Brick Repointing	75,000										<b>75,000</b>			(75,000)	<b>(75,000)</b>		
750045 Jarvis CC - Lighting Replacement	60,000										<b>60,000</b>			(60,000)	<b>(60,000)</b>		
750046 Hagersville CC - Condensation Repr	20,000										<b>20,000</b>			(20,000)	<b>(20,000)</b>		
750047 Cheapside C C - Replace Floor Joists		47,300									<b>47,300</b>			(47,300)	<b>(47,300)</b>		
750048 Jarvis CC - Upgrade Vent Hoods & Suppression System							100,000				<b>100,000</b>			(100,000)	<b>(100,000)</b>		
750049 Dunnville Lifespan CC - LED Lighting Retrofit	50,000										<b>50,000</b>			(50,000)	<b>(50,000)</b>		
<b>Total Replacement/State of Good Repair</b>	<b>624,460</b>	<b>400,800</b>	<b>42,700</b>	<b>62,700</b>	<b>42,700</b>	<b>97,800</b>	<b>410,000</b>	<b>175,000</b>	<b>50,000</b>	<b>50,000</b>	<b>1,956,160</b>			<b>(1,956,160)</b>	<b>(1,956,160)</b>		
<b>New/Enhanced Service</b>																	
750050 Cheapside CC - Parking Spaces	90,000										<b>90,000</b>			(90,000)	<b>(90,000)</b>		
<b>Total New/Enhanced Service</b>	<b>90,000</b>										<b>90,000</b>			<b>(90,000)</b>	<b>(90,000)</b>		
<b>Total Community Halls Partnership Program</b>	<b>714,460</b>	<b>400,800</b>	<b>42,700</b>	<b>62,700</b>	<b>42,700</b>	<b>97,800</b>	<b>410,000</b>	<b>175,000</b>	<b>50,000</b>	<b>50,000</b>	<b>2,046,160</b>			<b>(2,046,160)</b>	<b>(2,046,160)</b>		
<b>Total Community Halls Partnership Program</b>	<b>714,460</b>	<b>400,800</b>	<b>42,700</b>	<b>62,700</b>	<b>42,700</b>	<b>97,800</b>	<b>410,000</b>	<b>175,000</b>	<b>50,000</b>	<b>50,000</b>	<b>2,046,160</b>			<b>(2,046,160)</b>	<b>(2,046,160)</b>		

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Libraries	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Caledonia Library</b>																	
<b>Replacement/State of Good Repair</b>																	
772002 Library Materials	45,810	45,810	45,810	45,810	45,810	45,810	45,810	45,810	45,810	45,810	458,100				(458,100)		(458,100)
772003 HVAC Units (2)	40,000										40,000				(40,000)		(40,000)
772005 Caledonia - Window Blind Replacement	12,000										12,000				(12,000)		(12,000)
772006 Youth Room Renovations	8,000										8,000				(8,000)		(8,000)
772007 Photocopier - Replacement	5,500								5,500		11,000				(11,000)		(11,000)
772008 Refrigerators (2) Staff Room & Meeting Room (Repl)	2,000										2,000				(2,000)		(2,000)
772009 Carpeting				69,000							69,000				(69,000)		(69,000)
772010 Security Camera System - Replacement		17,000							17,000		34,000				(34,000)		(34,000)
772011 Tile Floors Replaced		7,500									7,500				(7,500)		(7,500)
772012 Fireplace Area Furniture		5,000									5,000				(5,000)		(5,000)
772013 Replacement Lighting						41,000					41,000				(41,000)		(41,000)
772014 Meeting Room - Tables and Chairs (Repl)						6,000					6,000				(6,000)		(6,000)
772015 Caledonia Library: Painting, Interior				15,500							15,500				(15,500)		(15,500)
<b>Total Replacement/State of Good Repair</b>	<b>113,310</b>	<b>75,310</b>	<b>45,810</b>	<b>130,310</b>	<b>45,810</b>	<b>92,810</b>	<b>45,810</b>	<b>45,810</b>	<b>68,310</b>	<b>45,810</b>	<b>709,100</b>				<b>(709,100)</b>		<b>(709,100)</b>
<b>New/Enhanced Service</b>																	
772001 Collection Enhancement	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	26,000			(23,600)	(2,400)		(26,000)
772016 Accessible Automatic Washroom Door, Caledonia Library	3,500										3,500				(3,500)		(3,500)
<b>Total New/Enhanced Service</b>	<b>6,100</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>29,500</b>			<b>(23,600)</b>	<b>(5,900)</b>		<b>(29,500)</b>
<b>Total Caledonia Library</b>	<b>119,410</b>	<b>77,910</b>	<b>48,410</b>	<b>132,910</b>	<b>48,410</b>	<b>95,410</b>	<b>48,410</b>	<b>48,410</b>	<b>70,910</b>	<b>48,410</b>	<b>738,600</b>			<b>(23,600)</b>	<b>(715,000)</b>		<b>(738,600)</b>
<b>Cayuga Library</b>																	
<b>Replacement/State of Good Repair</b>																	

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



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Libraries	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Cayuga Library</b>																	
775003 Library Materials	19,300	19,300	19,300	19,300	19,300	19,300	19,300	19,300	19,300	19,300	193,000				(193,000)		(193,000)
775005 Photocopier		2,300								2,300	4,600				(4,600)		(4,600)
775006 Facility-wide painting, Cayuga Library										5,200	5,200				(5,200)		(5,200)
<b>Total Replacement/State of Good Repair</b>	<b>19,300</b>	<b>21,600</b>	<b>19,300</b>	<b>26,800</b>	<b>202,800</b>				<b>(202,800)</b>		<b>(202,800)</b>						
<b>New/Enhanced Service</b>																	
775002 Collection Enhancement	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	26,000			(23,600)	(2,400)		(26,000)
<b>Total New/Enhanced Service</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>26,000</b>			<b>(23,600)</b>	<b>(2,400)</b>		<b>(26,000)</b>
<b>Total Cayuga Library</b>	<b>21,900</b>	<b>24,200</b>	<b>21,900</b>	<b>29,400</b>	<b>228,800</b>			<b>(23,600)</b>	<b>(205,200)</b>		<b>(228,800)</b>						
<b>Dunnville Library</b>																	
<b>Replacement/State of Good Repair</b>																	
776003 Library Materials	46,430	46,430	46,430	46,430	46,430	46,430	46,430	46,430	46,430	46,430	464,300				(464,300)		(464,300)
776008 HVAC Units (4)	80,000										80,000				(80,000)		(80,000)
776009 Ceiling Repairs	2,800										2,800				(2,800)		(2,800)
776010 Dunnville Library Elevator Replacement		250,000									250,000				(250,000)		(250,000)
776011 Security Camera System - Replacement		17,000							17,000		34,000				(34,000)		(34,000)
776012 Networkable Photocopier				3,500							3,500				(3,500)		(3,500)
776013 Meeting Room Tables and Chairs (Replacement)						5,200					5,200				(5,200)		(5,200)
776014 Facility Painting									18,900		18,900				(18,900)		(18,900)
776015 Emergency Exit Door Replacement and Sidewalk Repairs, Dunnville Library	16,500										16,500				(16,500)		(16,500)
<b>Total Replacement/State of Good Repair</b>	<b>145,730</b>	<b>313,430</b>	<b>46,430</b>	<b>49,930</b>	<b>46,430</b>	<b>51,630</b>	<b>46,430</b>	<b>46,430</b>	<b>82,330</b>	<b>46,430</b>	<b>875,200</b>				<b>(875,200)</b>		<b>(875,200)</b>
<b>New/Enhanced Service</b>																	
776002 Collection Enhancement	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	26,000			(23,600)	(2,400)		(26,000)

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



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Libraries	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Dunnville Library</b>																	
<b>Total New/Enhanced Service</b>	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	26,000			(23,600)	(2,400)		(26,000)
<b>Total Dunnville Library</b>	148,330	316,030	49,030	52,530	49,030	54,230	49,030	49,030	84,930	49,030	901,200			(23,600)	(877,600)		(901,200)
<b>Hagersville Library</b>																	
<b>Replacement/State of Good Repair</b>																	
773002 Library Materials	22,700	22,700	22,700	22,700	22,700	22,700	22,700	22,700	22,700	22,700	227,000				(227,000)		(227,000)
773003 Hagersville Library Replacement	3,795,500										3,795,500			(512,490)	(156,900)	(3,126,110)	(3,795,500)
773004 Photocopier - Replacement	2,300								2,300		4,600				(4,600)		(4,600)
<b>Total Replacement/State of Good Repair</b>	<b>3,820,500</b>	<b>22,700</b>	<b>25,000</b>	<b>22,700</b>	<b>4,027,100</b>			<b>(512,490)</b>	<b>(388,500)</b>	<b>(3,126,110)</b>	<b>(4,027,100)</b>						
<b>New/Enhanced Service</b>																	
773001 Collection Enhancement	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	26,000			(23,600)	(2,400)		(26,000)
<b>Total New/Enhanced Service</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>26,000</b>			<b>(23,600)</b>	<b>(2,400)</b>		<b>(26,000)</b>
<b>Total Hagersville Library</b>	<b>3,823,100</b>	<b>25,300</b>	<b>27,600</b>	<b>25,300</b>	<b>4,053,100</b>			<b>(536,090)</b>	<b>(390,900)</b>	<b>(3,126,110)</b>	<b>(4,053,100)</b>						
<b>Jarvis Library</b>																	
<b>Replacement/State of Good Repair</b>																	
774001 Library Materials	21,600	21,600	21,600	21,600	21,600	21,600	21,600	21,600	21,600	21,600	216,000				(216,000)		(216,000)
774007 Patron Seating (Repl)	3,000										3,000				(3,000)		(3,000)
774008 Photocopier		2,300								2,300	4,600				(4,600)		(4,600)
774009 HVAC Replacement									15,000		15,000				(15,000)		(15,000)
774010 Facility-wide Painting									9,500		9,500				(9,500)		(9,500)
774011 Windowed study room door: Jarvis Library	1,200										1,200				(1,200)		(1,200)
<b>Total Replacement/State of Good Repair</b>	<b>25,800</b>	<b>23,900</b>	<b>21,600</b>	<b>21,600</b>	<b>21,600</b>	<b>21,600</b>	<b>21,600</b>	<b>21,600</b>	<b>46,100</b>	<b>23,900</b>	<b>249,300</b>				<b>(249,300)</b>		<b>(249,300)</b>
<b>New/Enhanced Service</b>																	



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Draft Budget Libraries	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
<b>Jarvis Library</b>																	
774002 Collection Enhancement	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	26,000			(23,600)	(2,400)		(26,000)
<b>Total New/Enhanced Service</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>26,000</b>			<b>(23,600)</b>	<b>(2,400)</b>		<b>(26,000)</b>
<b>Total Jarvis Library</b>	<b>28,400</b>	<b>26,500</b>	<b>24,200</b>	<b>24,200</b>	<b>24,200</b>	<b>24,200</b>	<b>24,200</b>	<b>24,200</b>	<b>48,700</b>	<b>26,500</b>	<b>275,300</b>			<b>(23,600)</b>	<b>(251,700)</b>		<b>(275,300)</b>
<b>Library Administration</b>																	
<b>Replacement/State of Good Repair</b>																	
771001 Shelving - System-wide	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)
<b>Total Replacement/State of Good Repair</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>50,000</b>				<b>(50,000)</b>		<b>(50,000)</b>
<b>Total Library Administration</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>50,000</b>				<b>(50,000)</b>		<b>(50,000)</b>
<b>Selkirk Library</b>																	
<b>Replacement/State of Good Repair</b>																	
778001 Library Materials	19,150	19,150	19,150	19,150	19,150	19,150	19,150	19,150	19,150	19,150	191,500				(191,500)		(191,500)
778005 Photocopier	2,300								2,300		4,600				(4,600)		(4,600)
778006 Facility-wide Painting						4,000					4,000				(4,000)		(4,000)
778007 HVAC Units (2) Replacement: Selkirk Library								50,000			50,000				(50,000)		(50,000)
<b>Total Replacement/State of Good Repair</b>	<b>21,450</b>	<b>19,150</b>	<b>19,150</b>	<b>19,150</b>	<b>19,150</b>	<b>23,150</b>	<b>19,150</b>	<b>69,150</b>	<b>21,450</b>	<b>19,150</b>	<b>250,100</b>				<b>(250,100)</b>		<b>(250,100)</b>
<b>New/Enhanced Service</b>																	
778002 Collection Enhancement	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	26,000			(23,600)	(2,400)		(26,000)
<b>Total New/Enhanced Service</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>26,000</b>			<b>(23,600)</b>	<b>(2,400)</b>		<b>(26,000)</b>
<b>Total Selkirk Library</b>	<b>24,050</b>	<b>21,750</b>	<b>21,750</b>	<b>21,750</b>	<b>21,750</b>	<b>25,750</b>	<b>21,750</b>	<b>71,750</b>	<b>24,050</b>	<b>21,750</b>	<b>276,100</b>			<b>(23,600)</b>	<b>(252,500)</b>		<b>(276,100)</b>
<b>Total Libraries</b>	<b>4,170,190</b>	<b>496,690</b>	<b>195,590</b>	<b>283,590</b>	<b>195,590</b>	<b>251,790</b>	<b>195,590</b>	<b>245,590</b>	<b>283,090</b>	<b>205,390</b>	<b>6,523,100</b>			<b>(654,090)</b>	<b>(2,742,900)</b>	<b>(3,126,110)</b>	<b>(6,523,100)</b>



**HALDIMAND COUNTY**  
2020 to 2029 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
Cultural Services	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029								
<b>Edinburgh Square</b>																		
<b>Replacement/State of Good Repair</b>																		
782006 Stair Riser Replacement		50,000										50,000		(50,000)	(50,000)			
782007 Flooring - Refinish and Replacement		11,000										11,000		(11,000)	(11,000)			
782008 Window Replacement			320,000									320,000		(320,000)	(320,000)			
782009 Exterior Painting			16,600									16,600		(16,600)	(16,600)			
782010 Front Door Replacement	13,000											13,000		(13,000)	(13,000)			
782011 General Repairs/Maintenance	20,000											20,000		(20,000)	(20,000)			
<b>Total Replacement/State of Good Repair</b>	<b>33,000</b>	<b>61,000</b>	<b>336,600</b>									<b>430,600</b>		<b>(430,600)</b>	<b>(430,600)</b>			
<b>Total Edinburgh Square</b>	<b>33,000</b>	<b>61,000</b>	<b>336,600</b>									<b>430,600</b>		<b>(430,600)</b>	<b>(430,600)</b>			
<b>Heritage &amp; Culture General</b>																		
<b>Replacement/State of Good Repair</b>																		
781001 General Repairs/Maintenance	5,000	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)			
<b>Total Replacement/State of Good Repair</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>50,000</b>		<b>(50,000)</b>	<b>(50,000)</b>			
<b>Total Heritage &amp; Culture General</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>50,000</b>		<b>(50,000)</b>	<b>(50,000)</b>			
<b>W. M. Memorial School Museum</b>																		
<b>Replacement/State of Good Repair</b>																		
784001 Septic Bed and Tile Replacement (2017)		40,000										40,000		(40,000)	(40,000)			
784006 Building Repairs(caulk windows, grading, ventilation)	10,000											10,000		(10,000)	(10,000)			
784010 Roof Replacement		125,000										125,000		(125,000)	(125,000)			
784011 Painting: Exterior and Shutter Repair					9,500							9,500		(9,500)	(9,500)			
<b>Total Replacement/State of Good Repair</b>	<b>10,000</b>	<b>165,000</b>			<b>9,500</b>							<b>184,500</b>		<b>(184,500)</b>	<b>(184,500)</b>			
<b>New/Enhanced Service</b>																		

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



**HALDIMAND COUNTY**  
2020 to 2029 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
Cultural Services	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029							
W. M. Memorial School Museum																	
784009 Install Air Conditioner in Schoolhouse	9,000										9,000					(9,000)	(9,000)
784012 Upgrade Front Entrance to AODA Standards	12,000										12,000					(12,000)	(12,000)
<b>Total New/Enhanced Service</b>	<b>21,000</b>										<b>21,000</b>					<b>(21,000)</b>	<b>(21,000)</b>
<b>Total W. M. Memorial School Museum</b>	<b>31,000</b>	<b>165,000</b>			<b>9,500</b>						<b>205,500</b>					<b>(205,500)</b>	<b>(205,500)</b>
<b>Total Cultural Services</b>	<b>69,000</b>	<b>231,000</b>	<b>341,600</b>	<b>5,000</b>	<b>14,500</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>686,100</b>					<b>(686,100)</b>	<b>(686,100)</b>

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



**Haldimand**  
County



**Haldimand**  
County

Planning & Development



**Haldimand**  
County



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST  
SUMMARY

FIR Category: Planning and Development Stage: Draft Budget	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Planning & Zoning	14,000	50,000	150,000	105,000	70,000	14,000	25,000	150,000	30,000		608,000			(294,000)	(314,000)		(608,000)
<b>Total Planning &amp; Zoning</b>	<b>14,000</b>	<b>50,000</b>	<b>150,000</b>	<b>105,000</b>	<b>70,000</b>	<b>14,000</b>	<b>25,000</b>	<b>150,000</b>	<b>30,000</b>		<b>608,000</b>			<b>(294,000)</b>	<b>(314,000)</b>		<b>(608,000)</b>
Economic Development Administration	231,400										231,400			(71,400)	(160,000)		(231,400)
Tourism		106,400	12,400	26,400	6,400	6,400	6,400	71,400	98,400	6,400	340,600		(30,600)		(310,000)		(340,600)
<b>Total Economic Development and</b>	<b>231,400</b>	<b>106,400</b>	<b>12,400</b>	<b>26,400</b>	<b>6,400</b>	<b>6,400</b>	<b>6,400</b>	<b>71,400</b>	<b>98,400</b>	<b>6,400</b>	<b>572,000</b>		<b>(30,600)</b>	<b>(71,400)</b>	<b>(470,000)</b>		<b>(572,000)</b>
Tree Conservation & Reforestation	679,000	650,000	680,000	550,000	550,000	450,000	550,000	450,000	450,000	450,000	5,459,000		(79,000)		(5,380,000)		(5,459,000)
<b>Total Tree Conservation &amp;</b>	<b>679,000</b>	<b>650,000</b>	<b>680,000</b>	<b>550,000</b>	<b>550,000</b>	<b>450,000</b>	<b>550,000</b>	<b>450,000</b>	<b>450,000</b>	<b>450,000</b>	<b>5,459,000</b>		<b>(79,000)</b>		<b>(5,380,000)</b>		<b>(5,459,000)</b>
<b>Total Planning and Development</b>	<b>924,400</b>	<b>806,400</b>	<b>842,400</b>	<b>681,400</b>	<b>626,400</b>	<b>470,400</b>	<b>581,400</b>	<b>671,400</b>	<b>578,400</b>	<b>456,400</b>	<b>6,639,000</b>		<b>(109,600)</b>	<b>(365,400)</b>	<b>(6,164,000)</b>		<b>(6,639,000)</b>



## HALDIMAND COUNTY

### 2020 to 2029 CAPITAL FORECAST

FIR Category: Planning and Development Stage: Draft Budget <b>Planning &amp; Zoning</b>	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing	
<b>Planning &amp; Zoning</b>																		
<b>Replacement/State of Good Repair</b>																		
812007 OP 5 yr. Review & Places to Grow Update					70,000						70,000				(70,000)			(70,000)
812008 Aerial Photography Update	14,000					14,000					28,000				(28,000)			(28,000)
812010 Archaeological Master Plan			150,000								150,000			(37,500)	(112,500)			(150,000)
812011 Zoning By-Law Update				75,000							75,000				(75,000)			(75,000)
<b>Total Replacement/State of Good Repair</b>	<b>14,000</b>		<b>150,000</b>	<b>75,000</b>	<b>70,000</b>	<b>14,000</b>					<b>323,000</b>			<b>(37,500)</b>	<b>(285,500)</b>			<b>(323,000)</b>
<b>New/Enhanced Service</b>																		
812001 Population & Employment Forecast Update				30,000					30,000		60,000			(54,000)	(6,000)			(60,000)
812009 Dev. Study-Lakeshore Area & Urban Dow'tns		50,000					25,000				75,000			(67,500)	(7,500)			(75,000)
812012 Dunv Sec Plan Implementation-Special Policy Area								150,000			150,000			(135,000)	(15,000)			(150,000)
<b>Total New/Enhanced Service</b>		<b>50,000</b>		<b>30,000</b>			<b>25,000</b>	<b>150,000</b>	<b>30,000</b>		<b>285,000</b>			<b>(256,500)</b>	<b>(28,500)</b>			<b>(285,000)</b>
<b>Total Planning &amp; Zoning</b>	<b>14,000</b>	<b>50,000</b>	<b>150,000</b>	<b>105,000</b>	<b>70,000</b>	<b>14,000</b>	<b>25,000</b>	<b>150,000</b>	<b>30,000</b>		<b>608,000</b>			<b>(294,000)</b>	<b>(314,000)</b>			<b>(608,000)</b>
<b>Total Planning &amp; Zoning</b>	<b>14,000</b>	<b>50,000</b>	<b>150,000</b>	<b>105,000</b>	<b>70,000</b>	<b>14,000</b>	<b>25,000</b>	<b>150,000</b>	<b>30,000</b>		<b>608,000</b>			<b>(294,000)</b>	<b>(314,000)</b>			<b>(608,000)</b>



**HALDIMAND COUNTY**  
2020 to 2029 CAPITAL FORECAST

FIR Category: Planning and Development Stage: Draft Budget											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Debt Financing	Total Financing
<b>Economic Development and Tourism</b>																	
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029							
<b>Economic Development Administration</b>																	
<b>New/Enhanced Service</b>																	
821003 Business Park Development - North Caledonia	196,400										196,400			(71,400)	(125,000)	(196,400)	
821004 Comprehensive Signage Strategy	35,000										35,000				(35,000)	(35,000)	
<b>Total New/Enhanced Service</b>	<b>231,400</b>										<b>231,400</b>			<b>(71,400)</b>	<b>(160,000)</b>	<b>(231,400)</b>	
<b>Total Economic Development Administration</b>	<b>231,400</b>										<b>231,400</b>			<b>(71,400)</b>	<b>(160,000)</b>	<b>(231,400)</b>	
<b>Tourism</b>																	
<b>Replacement/State of Good Repair</b>																	
825001 Promotional & Directional Sign Replacement		40,000	6,000	20,000				40,000	54,000		160,000				(160,000)	(160,000)	
825003 Tourism Product Development - Cycling		60,000						25,000	38,000		123,000				(123,000)	(123,000)	
<b>Total Replacement/State of Good Repair</b>		<b>100,000</b>	<b>6,000</b>	<b>20,000</b>				<b>65,000</b>	<b>92,000</b>		<b>283,000</b>				<b>(283,000)</b>	<b>(283,000)</b>	
<b>New/Enhanced Service</b>																	
821001 Tourism Partnership Signage Program		6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,400	57,600			(30,600)	(27,000)	(57,600)	
<b>Total New/Enhanced Service</b>		<b>6,400</b>	<b>6,400</b>	<b>6,400</b>	<b>6,400</b>	<b>6,400</b>	<b>6,400</b>	<b>6,400</b>	<b>6,400</b>	<b>6,400</b>	<b>57,600</b>			<b>(30,600)</b>	<b>(27,000)</b>	<b>(57,600)</b>	
<b>Total Tourism</b>		<b>106,400</b>	<b>12,400</b>	<b>26,400</b>	<b>6,400</b>	<b>6,400</b>	<b>6,400</b>	<b>71,400</b>	<b>98,400</b>	<b>6,400</b>	<b>340,600</b>			<b>(30,600)</b>	<b>(310,000)</b>	<b>(340,600)</b>	
<b>Total Economic Development and Tourism</b>	<b>231,400</b>	<b>106,400</b>	<b>12,400</b>	<b>26,400</b>	<b>6,400</b>	<b>6,400</b>	<b>6,400</b>	<b>71,400</b>	<b>98,400</b>	<b>6,400</b>	<b>572,000</b>			<b>(30,600)</b>	<b>(71,400)</b>	<b>(470,000)</b>	

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



**HALDIMAND COUNTY**  
2020 to 2029 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
<b>Tree Conservation &amp; Reforestation</b>																		
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029								
Tree Conservation & Reforestation																		
<b>Replacement/State of Good Repair</b>																		
297002	Downtown Street Tree Removal and Planting	50,000	100,000									150,000			(150,000)	(150,000)		
297003	Forest Management & Operating Plan			80,000			50,000					130,000			(130,000)	(130,000)		
297004	Urban Forest Management & Operating Plan			50,000			50,000					100,000			(100,000)	(100,000)		
297005	Tree Removal and Planting	629,000	550,000	550,000	550,000	550,000	450,000	450,000	450,000	450,000	5,079,000		(79,000)	(5,000,000)	(5,079,000)			
<b>Total Replacement/State of Good Repair</b>		<b>679,000</b>	<b>650,000</b>	<b>680,000</b>	<b>550,000</b>	<b>550,000</b>	<b>450,000</b>	<b>550,000</b>	<b>450,000</b>	<b>450,000</b>	<b>450,000</b>	<b>5,459,000</b>		<b>(79,000)</b>	<b>(5,380,000)</b>	<b>(5,459,000)</b>		
<b>Total Tree Conservation &amp; Reforestation</b>		<b>679,000</b>	<b>650,000</b>	<b>680,000</b>	<b>550,000</b>	<b>550,000</b>	<b>450,000</b>	<b>550,000</b>	<b>450,000</b>	<b>450,000</b>	<b>450,000</b>	<b>5,459,000</b>		<b>(79,000)</b>	<b>(5,380,000)</b>	<b>(5,459,000)</b>		
<b>Total Tree Conservation &amp; Reforestation</b>		<b>679,000</b>	<b>650,000</b>	<b>680,000</b>	<b>550,000</b>	<b>550,000</b>	<b>450,000</b>	<b>550,000</b>	<b>450,000</b>	<b>450,000</b>	<b>450,000</b>	<b>5,459,000</b>		<b>(79,000)</b>	<b>(5,380,000)</b>	<b>(5,459,000)</b>		



**Haldimand**  
County

## Appendices



**Haldimand**  
County

**HALDIMAND COUNTY  
2020 DRAFT CAPITAL BUDGET AND FORECAST  
CAPITAL FINANCING PRINCIPLES**

<b>Principles Source</b>	<b>Sub-category</b>	<b>Principle</b>
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 for 2015. 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. 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

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

2020 Annual Debt Payments by Project

TAX SUPPORTED														
Project	ByLaw #	Payee	Pmt Method	date of issue	Original Principal	Current Interest		Annual Principal Payments (average)	Outstanding Principal (as at December 31, 2019)	2020 Annual Payments	offsetting funding	Net County Responsibility	Outstanding Principal (as at December 31, 2020)	Maturity
						rate								
Central Administration Facility	2067/19	IO	PAD	July 2, 2019	\$19,450,000	2.71%		\$486,250	\$19,450,000	\$1,494,468	0	\$1,494,468	\$18,477,500	2039
Lowbanks - Firehall and Community Centre	1392/13	IO	PAD	October 1, 2013	\$898,500	3.36%		\$89,850	\$359,400	\$101,202	0	\$101,202	\$269,550	2023
Cayuga Fire Station	1711/16	IO	PAD	October 3, 2016	\$1,502,800	2.07%		\$150,280	\$1,051,960	\$171,446	(117,439)	\$54,008	\$901,680	2026
Hagersville Fire Station	1711/16	IO	PAD	October 3, 2016	\$1,747,700	2.07%		\$174,770	\$1,223,390	\$199,386	(26,627)	\$172,758	\$1,048,620	2026
South Haldimand Fire Station	1711/16	IO	PAD	October 3, 2016	\$1,236,300	2.07%		\$123,630	\$865,410	\$141,043	(46,113)	\$94,930	\$741,780	2026
Cayuga EMS Station	1711/16	IO	PAD	October 3, 2016	\$512,900	2.07%		\$51,290	\$359,030	\$58,514	(8,727)	\$49,786	\$307,740	2026
Hagersville EMS Station	1711/16	IO	PAD	October 3, 2016	\$710,400	2.07%		\$71,040	\$497,280	\$81,046	(10,872)	\$70,173	\$426,240	2026
Grandview	824/07	IO	PAD	July 16, 2007	\$17,000,000	5.27%		\$850,000	\$6,800,000	\$1,198,174	(484,877)	\$713,297	\$5,950,000	2027
Grandview - New Debt	1393/13	IO	PAD	October 1, 2013	\$1,686,000	3.82%		\$112,453	\$1,012,080	\$150,144	0	\$150,144	\$899,627	2028
Conversion of CNR Bridge	2066-19	IO	PAD	July 2, 2019	\$1,160,000	2.40%		\$116,000	\$1,160,000	\$143,222	(143,222)	\$0	\$1,044,000	2029
HCCC - Balloon & New Debt	1392/13	IO	PAD	October 1, 2013	\$3,658,000	3.36%		\$365,800	\$1,463,200	\$412,017	(168,927)	\$243,090	\$1,097,400	2023
Cayuga Arena	1394/13	IO	PAD	October 1, 2013	\$6,620,400	4.11%		\$331,020	\$4,634,280	\$518,600	(275,202)	\$243,398	\$4,303,260	2033
Dunnville Arena	1394/13	IO	PAD	October 1, 2013	\$7,656,900	4.11%		\$382,845	\$5,359,830	\$599,793	(180,575)	\$419,218	\$4,976,985	2033
Cayuga Library	2066/19	IO	PAD	July 2, 2019	\$2,299,800	2.40%		\$229,980	\$2,299,800	\$283,950	(83,439)	\$200,511	\$2,069,820	2029
Dunnville Library	1829/17	CDS	PAD	July 5, 2017	\$864,700	1.40%		\$86,470	\$702,306	\$96,313	(96,313)	\$0	\$619,566	2027
Caledonia Lions Hall	1711/16	IO	PAD	October 3, 2016	\$1,653,000	2.07%		\$165,300	\$1,157,100	\$188,582	0	\$188,582	\$991,800	2026
<b>Total Tax Supported</b>									<b>\$48,395,066</b>	<b>\$5,837,899</b>	<b>-\$1,642,333</b>	<b>\$4,195,566</b>	<b>\$44,125,568</b>	

RATE SUPPORTED WATER AND WASTEWATER														
Project	ByLaw #	Payee	Pmt Method	date of issue	Original Principal	Current Interest		Annual Principal Payments (average)	Outstanding Principal (as at December 31, 2019)	2020 Annual Payments	offsetting funding	Net County Responsibility	Outstanding Principal (as at December 31, 2020)	Maturity
						rate								
<b>Water projects</b>														
Cast Iron Watermain - Orkney Street, Caledonia	CMHC Loans	CMHC	PAD	October 1, 2010	\$228,000	2.87%		\$22,800	\$25,811	\$26,552		\$26,552	\$0	2020
Caithness Street - Argyle to McClung, Caledonia	1392/13	IO	PAD	October 1, 2013	\$789,900	3.36%		\$78,990	\$315,960	\$88,970		\$88,970	\$236,970	2023
Jarvis Watermain Replacement	1829/17	CDS	PAD	July 5, 2017	\$2,250,000	1.40%		\$225,000	\$1,827,441	\$250,611	(62,653)	\$187,959	\$1,612,147	2027
Cast Iron Watermain - Dunnville	CMHC Loans	CMHC	PAD	October 1, 2010	\$1,109,900	2.87%		\$110,900	\$125,544	\$129,148		\$129,148	\$0	2020
Nanticoke Electrical Servicing Upgrades	1829/17	CDS	PAD	July 5, 2017	\$100,000	1.40%		\$10,000	\$81,220	\$11,138	(11,138)	\$0	\$71,651	2027
Nanticoke Filter Building Expansion	1829/17	CDS	PAD	July 5, 2017	\$1,704,400	1.40%		\$170,440	\$1,384,307	\$189,841	(47,460)	\$142,381	\$1,221,219	2027
Nanticoke High Rate Sedimentation Capacity Expansion	1829/17	CDS	PAD	July 5, 2017	\$1,337,400	1.40%		\$133,740	\$1,086,231	\$148,963	(37,235)	\$111,728	\$958,260	2027
Nanticoke Water System Filter Replacement	1829/17	CDS	PAD	July 5, 2017	\$2,340,900	1.40%		\$234,090	\$1,901,269	\$260,736	(260,736)	\$0	\$1,677,278	2027
Nanticoke Water Treatment Process	1829/17	CDS	PAD	July 5, 2017	\$2,983,200	1.40%		\$298,320	\$2,422,943	\$332,277	(83,069)	\$249,208	\$2,137,492	2027
<b>Wastewater Projects</b>														
Caithness Street - Argyle to McClung	1392/13	IO	PAD	October 1, 2013	\$502,800	3.36%		\$50,280	\$201,120	\$56,633		\$56,633	\$150,840	2023
Caledonia Water Pollution Control Upgrade Balloon	1392/13	IO	PAD	October 1, 2013	\$3,024,000	3.36%		\$302,400	\$1,209,600	\$340,607	(221,394)	\$119,212	\$907,200	2023
Caledonia WWTP Upgrades	1829/17	CDS	PAD	July 5, 2017	\$628,700	1.40%		\$62,870	\$510,628	\$70,026	(70,026)	\$0	\$450,470	2027
Dunnville WWTP	2066/19	IO	PAD	July 2, 2019	\$9,178,950	2.40%		\$917,895	\$9,178,950	\$1,133,301	(56,665)	\$1,076,636	\$8,261,055	2029
Upgrade WTP - Hagersville	CMHC Loans	CMHC	PAD	October 1, 2010	\$3,146,000	2.87%		\$314,600	\$356,143	\$366,365	(162,000)	\$204,365	\$0	2020
Jarvis Lagoon Upgrades	1829/17	CDS	PAD	July 5, 2017	\$122,700	1.40%		\$12,270	\$99,656	\$13,667	(13,667)	\$0	\$87,916	2027
Townsend Lagoon	2066/19	IO	PAD	July 2, 2019	\$562,500	2.40%		\$56,250	\$562,500	\$69,450	(69,450)	\$0	\$506,250	2029
Upgrade WTP - Cayuga	CMHC Loans	CMHC	PAD	October 1, 2010	\$2,404,300	2.87%		\$240,430	\$272,179	\$279,991		\$279,991	\$0	2020
<b>Total Rate Supported Water and Wastewater</b>									<b>\$21,561,502</b>	<b>\$3,768,276</b>	<b>-\$1,095,495</b>	<b>\$2,672,781</b>	<b>\$18,278,749</b>	

<b>Total Debt:</b>	<b>\$69,956,568</b>	<b>\$9,606,175</b>	<b>-\$2,737,828</b>	<b>\$6,868,346</b>	<b>\$62,404,317</b>
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HALDIMAND COUNTY

SUMMARY OF FORECASTED CAPITAL RESERVE BALANCES  
FOR THE YEARS 2020 TO 2029

	2018 Audited \$	2019 Projected \$	2020 Forecast \$	2021 Forecast \$	2022 Forecast \$	2023 Forecast \$	2024 Forecast \$	2025 Forecast \$	2026 Forecast \$	2027 Forecast \$	2028 Forecast \$	2029 Forecast \$
CRR - Ambulance	258,752	242,312	290,282	342,812	490,992	312,912	199,672	271,372	348,102	424,962	692,062	604,502
CRR - Community Halls	304,851	184,976	20,716	45,716	228,016	340,316	452,616	489,816	204,816	144,816	199,816	244,816
CRR - Fire Fleet	2,182,903	2,446,212	3,033,522	3,699,922	3,618,752	3,492,862	3,582,602	4,330,832	4,782,922	3,534,252	3,400,212	2,251,192
CRR - General; WMRF (combined)	7,431,499	3,941,224	1,837,354	1,234,194	(814,656)	(1,202,516)	(1,272,466)	(2,298,726)	(1,647,566)	(355,506)	805,584	2,503,654
CRR - Information Technology	1,057,781	1,321,170	1,325,600	1,552,860	2,006,140	2,475,070	2,733,940	2,717,890	3,195,310	3,701,650	3,922,970	4,265,990
CRR - Other Fleet	1,792,249	1,438,723	1,422,913	1,184,823	1,262,333	1,328,783	1,284,703	1,162,233	1,423,023	1,517,363	1,619,853	1,728,443
CRR - Roads Equipment	1,531,471	1,359,711	793,571	1,624,461	2,445,021	2,346,741	2,780,171	4,085,081	5,043,541	5,728,931	3,579,101	4,310,951
CRR - Roads Infrastructure	15,372,511	10,308,123	11,210,145	11,396,697	4,712,235	2,923,264	321,936	417,326	(712,651)	680,916	805,068	3,554,191
CRR - Storm Sewer	2,343,291	395,557	107,587	180,657	284,987	400,807	128,347	267,837	419,517	583,627	760,417	950,147
Community Partnership Capital Program Reserve	249,974	0	0	0	0	0	0	0	0	0	0	0
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	134,223	134,223	0	0	0	0	0	0
Library Reserve Fund	394,965	452,215	251,465	85,615	220,865	268,115	403,365	482,415	617,665	702,915	750,665	876,115
Parkland Dedication Reserve Fund	704,651	601,348	364,348	364,348	364,348	364,348	364,348	364,348	364,348	364,348	364,348	364,348
Drain Fund	374,474	157,781	133,251	137,076	84,501	49,876	77,781	94,306	108,291	94,066	109,751	103,986
Land Sales Reserve	2,208,936	1,556,512	1,556,512	1,556,512	1,556,512	1,556,512	1,556,512	1,556,512	1,556,512	1,556,512	1,556,512	1,556,512
La Fortune Reserve Fund	153,222	153,222	153,222	153,222	153,222	153,222	153,222	153,222	153,222	153,222	153,222	153,222
Harvard Plane Reserve Fund	35,524	34,324	33,124	31,924	30,724	29,524	28,324	27,124	25,924	24,724	23,524	22,324
<b>Sub-total</b>	<b>37,478,814</b>	<b>25,675,169</b>	<b>23,615,371</b>	<b>24,672,598</b>	<b>17,725,751</b>	<b>15,921,595</b>	<b>13,742,609</b>	<b>15,069,123</b>	<b>16,830,511</b>	<b>19,804,333</b>	<b>19,690,640</b>	<b>24,437,928</b>
Federal Gas Tax Revenue Reserve Fund	4,932,119	3,372,842	5,592	20,751	6,201	272,610	8,419	538,928	24,137	27,746	1,098,055	4,564
OCIF Funding	291,995	1,800,116	1,338,376	0	0	0	0	0	0	0	0	0
<b>Community Vibrancy Reserve Fund (Appendix D)</b>	<b>(10,982,965)</b>	<b>(11,566,400)</b>	<b>(10,701,637)</b>	<b>(9,864,767)</b>	<b>(8,803,137)</b>	<b>(7,695,011)</b>	<b>(6,534,444)</b>	<b>(5,326,180)</b>	<b>(4,070,726)</b>	<b>(2,766,293)</b>	<b>(1,411,030)</b>	<b>(2,982)</b>
<b>Total Tax Supported DCRF's (Appendix E)</b>	<b>2,882,655</b>	<b>1,870,943</b>	<b>1,140,190</b>	<b>2,958,792</b>	<b>3,703,998</b>	<b>4,985,059</b>	<b>7,010,082</b>	<b>9,163,681</b>	<b>11,745,398</b>	<b>14,646,808</b>	<b>17,734,902</b>	<b>21,063,794</b>
<b>TOTAL TAX SUPPORTED CAPITAL RES/RF'S</b>	<b>34,602,618</b>	<b>21,152,670</b>	<b>15,397,893</b>	<b>17,787,374</b>	<b>12,632,813</b>	<b>13,484,252</b>	<b>14,226,665</b>	<b>19,445,552</b>	<b>24,529,320</b>	<b>31,712,595</b>	<b>37,112,567</b>	<b>45,503,302</b>
Hydro Legacy Fund	79,864,277	83,994,443										
Growing Communities Reserve Fund	0	1,379,374										

Note - 2019 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  
2020 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 2020
Ward 1	8,929,982	(6,381,911)	2,548,071	6,381,925	(5,264,905)	1,117,020
Ward 2	13,311,680	(10,036,856)	3,274,825	10,036,876	(8,689,856)	1,347,020
Ward 4	1,586,131	(1,088,948)	497,183	1,088,960	(1,063,010)	25,950
Ward 5	7,918,742	(5,800,247)	2,118,496	5,800,250	(2,528,140)	3,272,110
<b>TOTAL</b>	<b>31,746,536</b>	<b>(23,307,961)</b>	<b>8,438,574</b>	<b>23,308,011</b>	<b>(17,545,911)</b>	<b>5,762,100</b>

**HALDIMAND COUNTY  
FORECAST OF COMMUNITY VIBRANCY RESERVE FUND  
FOR THE YEARS 2011 TO 2029**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>SUMMARY</b>																			
<b>Opening Balance January 1st</b>	<b>0</b>	<b>100,564</b>	<b>72,251</b>	<b>63,632</b>	<b>(4,942,085)</b>	<b>(7,963,904)</b>	<b>(9,140,201)</b>	<b>(10,800,307.86)</b>	<b>(10,982,965)</b>	<b>(11,566,400)</b>	<b>(10,701,637)</b>	<b>(9,864,767)</b>	<b>(8,803,137)</b>	<b>(7,695,011)</b>	<b>(6,534,444)</b>	<b>(5,326,180)</b>	<b>(4,070,726)</b>	<b>(2,766,293)</b>	<b>(1,411,030)</b>
<b>Source of Funds:</b>																			
Contributions from Agreement				233,371	754,509	1,508,959	1,633,281	1,896,500	1,896,500	1,962,961	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	564	2,716	1,333	(99,050)	(259,878)	(345,085)	(405,580)	(441,902.88)	(455,791)	(456,976)	(422,265)	(385,288)	(341,577)	(295,878)	(250,006)	(205,601)	(159,405)	(111,348)	(61,359)
<b>Total Source of Funds</b>	<b>100,564</b>	<b>2,716</b>	<b>1,333</b>	<b>134,321</b>	<b>594,631</b>	<b>1,163,874</b>	<b>1,352,700</b>	<b>1,454,597</b>	<b>1,615,709</b>	<b>1,505,985</b>	<b>1,562,235</b>	<b>1,599,212</b>	<b>1,642,923</b>	<b>1,688,622</b>	<b>1,734,494</b>	<b>1,778,899</b>	<b>1,825,095</b>	<b>1,873,152</b>	<b>1,923,141</b>
<b>Use of Funds:</b>																			
Commitment for Active Projects		31,029	9,952	4,990,038	3,466,451	2,190,171	1,465,638	541,942	903,794	220,000	220,000	250,000	250,000	396,000	397,000	397,000	397,000	397,000	397,000
Contribution to Trails Initiative					0	0	1,372,169	270,878	175,753	153,222	230,366	137,582	134,798	132,056	129,230	126,446	123,662	120,889	118,094
Contribution to New Initiatives/Enhanced Service Projects				150,000	150,000	150,000	175,000	824,433	1,119,597	268,000	275,000	150,000	150,000	0	0	0	0	0	0
<b>Total Use of Funds</b>	<b>0</b>	<b>31,029</b>	<b>9,952</b>	<b>5,140,038</b>	<b>3,616,451</b>	<b>2,340,171</b>	<b>3,012,807</b>	<b>1,637,254</b>	<b>2,199,144</b>	<b>641,222</b>	<b>725,366</b>	<b>537,582</b>	<b>534,798</b>	<b>528,056</b>	<b>526,230</b>	<b>523,446</b>	<b>520,662</b>	<b>517,889</b>	<b>515,094</b>
<b>Closing Balance December 31st</b>	<b>100,564</b>	<b>72,251</b>	<b>63,632</b>	<b>(4,942,085)</b>	<b>(7,963,904)</b>	<b>(9,140,201)</b>	<b>(10,800,308)</b>	<b>(10,982,964.92)</b>	<b>(11,566,400)</b>	<b>(10,701,637)</b>	<b>(9,864,767)</b>	<b>(8,803,137)</b>	<b>(7,695,011)</b>	<b>(6,534,444)</b>	<b>(5,326,180)</b>	<b>(4,070,726)</b>	<b>(2,766,293)</b>	<b>(1,411,030)</b>	<b>(2,982)</b>
assume internal borrowing not debt issuance																			
Positive Interest Rate		2.8%																	
Negative Interest Rate		4.1%																	
Interest assumption on in-year transactions - 6 months																			
<b>Non Specified 20%</b>																			
<b>Opening Balance January 1st</b>	<b>0</b>	<b>100,564</b>	<b>72,251</b>	<b>63,632</b>	<b>(211,878)</b>	<b>(295,643)</b>	<b>(246,792)</b>	<b>(146,888)</b>	<b>(108,242)</b>	<b>6,505</b>	<b>4,230</b>	<b>6,275</b>	<b>3,287</b>	<b>216</b>	<b>1,134</b>	<b>1,064</b>	<b>992</b>	<b>917</b>	<b>841</b>
<b>Source of Funds:</b>																			
Contributions from Agreement	100,000			46,680	250,902	301,671	451,656	379,300	554,300	392,592	396,900	396,900	396,900	396,900	396,900	396,900	396,900	396,900	396,900
Interest Earned	564	2,716	1,333	(3,802)	(10,220)	(11,309)	(8,736)	(5,420)	(2,803)	133	145	112	28	19	30	28	26	24	21
<b>Total Source of Funds</b>	<b>100,564</b>	<b>2,716</b>	<b>1,333</b>	<b>42,878</b>	<b>240,682</b>	<b>290,362</b>	<b>442,920</b>	<b>373,880</b>	<b>551,497</b>	<b>392,725</b>	<b>397,045</b>	<b>397,012</b>	<b>396,928</b>	<b>396,919</b>	<b>396,930</b>	<b>396,928</b>	<b>396,926</b>	<b>396,924</b>	<b>396,921</b>
<b>Use of Funds:</b>																			
Commitment for Active Projects/Contribution to Growing Communities Fund		31,029	9,952	168,389	174,446.74	91,511	0		190,000	220,000	220,000	250,000	250,000	396,000	397,000	397,000	397,000	397,000	397,000
Contribution to Unidentified Trails							168,016	160,234	71,750										
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						
<b>Total Use of Funds</b>	<b>0</b>	<b>31,029</b>	<b>9,952</b>	<b>318,389</b>	<b>324,447</b>	<b>241,511</b>	<b>343,016</b>	<b>335,234</b>	<b>436,750</b>	<b>395,000</b>	<b>395,000</b>	<b>400,000</b>	<b>400,000</b>	<b>396,000</b>	<b>397,000</b>	<b>397,000</b>	<b>397,000</b>	<b>397,000</b>	<b>397,000</b>
<b>Closing Balance December 31st</b>	<b>100,564</b>	<b>72,251</b>	<b>63,632</b>	<b>(211,878)</b>	<b>(295,643)</b>	<b>(246,792)</b>	<b>(146,888)</b>	<b>(108,242)</b>	<b>6,505</b>	<b>4,230</b>	<b>6,275</b>	<b>3,287</b>	<b>216</b>	<b>1,134</b>	<b>1,064</b>	<b>992</b>	<b>917</b>	<b>841</b>	<b>763</b>

**HALDIMAND COUNTY  
FORECAST OF COMMUNITY VIBRANCY RESERVE FUND  
FOR THE YEARS 2011 TO 2029**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>Ward 1</b>																			
<b>Opening Balance January 1st</b>	0	0	0	0	(2,399,816)	(2,994,767)	(3,813,173)	(3,619,810)	(3,629,434)	(3,903,980)	(3,720,411)	(3,420,563)	(3,108,392)	(2,783,391)	(2,445,033)	(2,092,767)	(1,726,024)	(1,344,208)	(946,698)
<b>Source of Funds:</b>																			
Contributions from Agreement				134,876	376,105	376,105	376,105	376,105	376,105	429,274	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)	(151,694)	(155,704)	(146,658)	(134,334)	(121,504)	(108,146)	(94,240)	(79,762)	(64,689)	(48,996)	(32,658)
<b>Total Source of Funds</b>	0	0	0	86,553	267,479	239,019	224,197	229,252	224,411	273,570	299,847	312,171	325,001	338,359	352,265	366,743	381,816	397,509	413,847
<b>Use of Funds:</b>																			
Commitment for Active Projects				2,486,368	862,430	1,057,425	30,834		16,769										
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	2,188										
Cheapside Rd-Hwy 3 to Haldimand Rd 20(shoulder widening)									200,000										
Haldimand Rd 3 (shoulder widening)									250,000										
Peacock Point Association - stairs									20,000										
Jarvis Lions Community Centre - transformer									10,000										
Cheapside CC - Parking Spaces										90,000									
<b>Total Use of Funds</b>	0	0	0	2,486,368	862,430	1,057,425	30,834	238,876	498,957	90,000	0	0	0	0	0	0	0	0	0
<b>Closing Balance December 31st</b>	0	0	0	(2,399,816)	(2,994,767)	(3,813,173)	(3,619,810)	(3,629,434)	(3,903,980)	(3,720,411)	(3,420,563)	(3,108,392)	(2,783,391)	(2,445,033)	(2,092,767)	(1,726,024)	(1,344,208)	(946,698)	(532,852)
<b>Ward 2</b>																			
<b>Opening Balance January 1st</b>	0	0	0	0	(1,860,748)	(3,073,737)	(3,384,663)	(4,205,539)	(4,633,860)	(5,104,640)	(4,797,683)	(4,654,690)	(4,310,338)	(3,949,010)	(3,570,051)	(3,172,652)	(2,756,096)	(2,319,596)	(1,862,346)
<b>Source of Funds:</b>																			
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
Interest Earned				(37,468)	(99,362)	(130,048)	(153,739)	(177,992)	(196,096)	(202,666)	(192,488)	(183,912)	(169,720)	(154,831)	(139,216)	(122,844)	(105,685)	(87,706)	(68,874)
<b>Total Source of Funds</b>	0	0	0	14,347	114,313	477,482	512,107	487,854	469,750	463,180	473,358	481,934	496,126	511,015	526,629	543,002	560,161	578,140	596,972
<b>Use of Funds:</b>																			
Commitment for Active Projects				1,875,095	1,327,302	788,409	128,829	512,726	681,263										
Contribution to Trail Initiatives							1,204,153	110,644	104,003	10,000	90,000								
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												100,000							
Cayuga Village on the Green Landscape Improvements																			
Lakeshore Road Lighting Enhancements								0	50,000										
Yaremy Road								278,735	21,265										
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)										3,000									
<b>Total Use of Funds</b>	0	0	0	1,875,095	1,327,302	788,409	1,332,982	916,175	940,530	156,222	330,366	137,582	134,798	132,056	129,230	126,446	123,662	120,889	118,094
<b>Closing Balance December 31st</b>	0	0	0	(1,860,748)	(3,073,737)	(3,384,663)	(4,205,539)	(4,633,860)	(5,104,640)	(4,797,683)	(4,654,690)	(4,310,338)	(3,949,010)	(3,570,051)	(3,172,652)	(2,756,096)	(2,319,596)	(1,862,346)	(1,383,467)

**HALDIMAND COUNTY**  
**FORECAST OF COMMUNITY VIBRANCY RESERVE FUND**  
**FOR THE YEARS 2011 TO 2029**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>Ward 4</b>																			
<b>Opening Balance January 1st</b>	0	0	0	0	(120,911)	(791,388)	(899,385)	(928,021)	(938,793)	(902,816)	(858,263)	(811,879)	(763,588)	(713,313)	(660,971)	(606,478)	(549,746)	(490,682)	(429,190)
<b>Source of Funds:</b>																			
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
Interest Earned				(2,435)	(18,370)	(34,046)	(36,850)	(37,764)	(37,555)	(35,978)	(34,147)	(32,241)	(30,256)	(28,190)	(26,038)	(23,799)	(21,467)	(19,040)	(16,512)
<b>Total Source of Funds</b>	0	0	0	(2,435)	(13,295)	46,486	43,682	42,768	42,976	44,553	46,384	48,291	50,275	52,342	54,493	56,733	59,064	61,492	64,019
<b>Use of Funds:</b>																			
Commitment for Active Projects				118,476	657,182	154,483	72,318	3,771											
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	1,000										
Hagersville Fire Hall - electronic sign									6,000										
<b>Total Use of Funds</b>	0	0	0	118,476	657,182	154,483	72,318	53,539	7,000	0	0	0	0	0	0	0	0	0	0
<b>Closing Balance December 31st</b>	0	0	0	(120,911)	(791,388)	(899,385)	(928,021)	(938,793)	(902,816)	(858,263)	(811,879)	(763,588)	(713,313)	(660,971)	(606,478)	(549,746)	(490,682)	(429,190)	(365,171)
<b>Ward 5</b>																			
<b>Opening Balance January 1st</b>	0	0	0	0	(348,731)	(808,369)	(796,188)	(1,900,050)	(1,672,638)	(1,661,469)	(1,329,512)	(983,911)	(624,107)	(249,514)	140,474	544,651	960,145	1,387,272	1,826,359
<b>Source of Funds:</b>																			
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
Interest Earned				(7,022)	(23,300)	(32,597)	(54,348)	(73,874)	(67,642)	(62,760)	(49,117)	(34,913)	(20,125)	(4,729)	9,459	20,776	32,410	44,370	56,664
<b>Total Source of Funds</b>	0	0	0	(7,022)	(14,548)	110,524	129,795	320,843	327,075	331,957	345,601	359,805	374,593	389,988	404,177	415,494	427,127	439,087	451,382
<b>Use of Funds:</b>																			
Commitment for Active Projects				341,709	445,090	98,343	1,233,657	25,445	15,762										
Contribution to State of Good Repair Projects																			
Cross Street Functional Servicing Report								0	75,000										
Dunnville Bridge Noise Mitigation								53,800	66,200										
Lowbanks (PED-COM-25-2017)								14,186	1,944										
Installation of Streetlights									80,000										
Port Maitland Road Parking Improvements									40,000										
Dunnville Arena - viewing screen and net camera									12,000										
Lowbanks Firehall - Storage Shed									25,000										
<b>Total Use of Funds</b>	0	0	0	341,709	445,090	98,343	1,233,657	93,431	315,906	0	0	0	0	0	0	0	0	0	0
<b>Closing Balance December 31st</b>	0	0	0	(348,731)	(808,369)	(796,188)	(1,900,050)	(1,672,638)	(1,661,469)	(1,329,512)	(983,911)	(624,107)	(249,514)	140,474	544,651	960,145	1,387,272	1,826,359	2,277,741

## HALDIMAND COUNTY

SUMMARY OF FORECASTED DEVELOPMENT CHARGES RESERVE FUNDS BALANCES for Tax Supported Capital Forecast  
FOR THE YEARS 2020 TO 2029

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
DCRF - Ambulance Services	22,191	35,070	90,576	75,599	(69,781)	(64,906)	(55,709)	(41,955)	(20,294)	23,601	72,534	126,569
DCRF - Fire Services	1,063,892	1,006,016	1,131,144	1,224,288	(41,903)	(16,663)	21,659	73,533	91,558	337,627	425,918	528,893
DCRF - General Government	62,506	(326,048)	(262,059)	(228,866)	(185,254)	(155,123)	(67,653)	24,061	100,428	66,983	117,292	225,453
DCRF - Leisure Services	1,701,364	1,502,765	432,413	1,873,955	3,408,430	4,909,360	6,785,727	8,761,387	10,937,065	13,221,888	15,607,115	18,095,964
DCRF - Library Services	937,244	980,231	1,043,358	1,197,884	1,301,313	1,418,002	1,548,338	1,692,968	1,867,634	2,058,098	2,361,756	2,683,747
DCRF - Parking Services	107,097	123,180	154,232	191,134	229,505	139,791	179,109	219,996	263,746	309,218	356,460	405,520
DCRF - Public Works - Buildings & Fleet	(79,645)	(91,100)	(343,699)	(264,786)	(202,084)	(115,575)	(297,602)	(208,644)	(112,020)	(10,682)	95,547	206,237
DCRF - Roads & Related	(884,556)	(1,334,101)	(1,215,691)	(1,338,197)	(1,056,277)	(1,343,007)	(1,420,075)	(1,602,585)	(1,730,705)	(1,818,821)	(1,845,542)	(1,828,873)
DCRF - Cemeteries	154,431	170,827	195,862	202,714	233,016	73,439	103,005	(48,184)	(18,504)	12,613	45,140	79,003
DCRF - Stormwater	(201,870)	(203,217)	(138,691)	(83,212)	(79,043)	(86,476)	(75,497)	(60,732)	(57,201)	(50,005)	(73,030)	(108,769)
DCRF - Waste Diversion	0	7,321	52,746	108,278	166,076	226,217	288,781	353,836	423,691	496,288	571,712	650,049
<b>Total</b>	<b>2,882,655</b>	<b>1,870,943</b>	<b>1,140,190</b>	<b>2,958,792</b>	<b>3,703,998</b>	<b>4,985,059</b>	<b>7,010,082</b>	<b>9,163,681</b>	<b>11,745,398</b>	<b>14,646,808</b>	<b>17,734,902</b>	<b>21,063,794</b>

## 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

("DC Debt") for larger projects and 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).

Potential Debt repayment may be required related to major projects, currently shown as:

- Cayuga Library Replacement (open active project)
- Storm Water - Dunnville - Alder St - Cedar to West in 2017 to 2019
- Hagersville Library Replacement in 2020
- Caledonia Argyle Bridge in 2022
- Caledonia Fire Station in 2021
- Caledonia Arterial Road in 2019 to 2021



**2020 SMT Tax Capital Budget & Forecast Review**

*Proposed 2020 Projects with Operating Impacts - New Initiatives Only*

	TOTAL Estimated Annual Cost/(Saving) (if available)	OPERATING Estimated Annual Cost/(Saving) (if available)	CAPITAL Estimated Annual Cost/(Saving) (if available)	2020 Capital Cost
<b>General Government</b>				
<b>Fleet &amp; Equipment Pool (S)</b>				
<b>316010 - Hotbox -Large - ROADS (1)</b>				
Fleet Charge to reflect annual Operating and depreciation/amortization for items approved in the 2020 Capital Budget - Class 20a Hot Box - Large (ROADS)	9,910	6,570	3,340	50,000
<b>316032 - Skid Steer - Roads (1)</b>				
Fleet Charge to reflect annual Operating and depreciation/amortization for items approved in the 2020 Capital Budget - Class 10a Skid Steer (ROADS)	6,640	2,840	3,800	95,000
<b>316033 - Tractor with Cab ROADS (1)</b>				
Fleet Charge to reflect Annual Operating and depreciation/amortization for items approved in the 2020 Capital Budget - Class 13b Tractor with Cab (ROADS)	5,610	2,610	3,000	60,000
<b>316034 - Trailer Mounted Water Tank Forestry (1)</b>				
Fleet Charge to reflect annual Operating and depreciation/amortization for items approved in the 2020 Capital Budget - Class 16K Trailer Mounted Water Tank(FPC)	2,270	1,070	1,200	181,000
<b>Protection Services</b>				
<b>Fire General Administration (C)</b>				
<b>221018 - Firefighting Particulate Hoods</b>				
Annual increase to fund FF particulate Hoods	2,000	-	2,000	35,000
<b>Fisherville Fire Hall Station #12 (C)</b>				
<b>233007 - Bunker Gear Racks</b>				
Contribution for Fisherville Fire Hall Stn 12 Bunker Gear Racks	450	-	450	9,000
<b>Recreation &amp; Cultural Services</b>				
<b>Cayuga Memorial Arena (C)</b>				
<b>745019 - CAY-Water Bottle Fill Station</b>				
Contribution for Cayuga Arena Water Bottle Fill Station	830	-	830	5,000
<b>745020 - Cayuga Arena LED Lighting Retrofit</b>				
Potential savings - switching to LED	(8,000)	(8,000)	-	60,000
<b>Dunnville Memorial Arena (C)</b>				
<b>746021 - DUNN-Water Bottle Fill Station</b>				
Contribution for Dunnville Arena Water Bottle Fill Station	840	-	840	5,000
<b>746023 - Dunnville Arena LED Lighting Retrofit</b>				
Potential savings - switching to LED	(8,000)	(8,000)	-	60,000
<b>Hagersville Arena (C)</b>				
<b>743018 - HAG ARENA- Water Bottle Fill Stations</b>				
Contribution for Hagersville Arena Water Bottle Fill Station	830	-	830	5,000
<b>Haldimand County Caledonia Centre (C)</b>				
<b>744030 - HCCC - Water Bottle filling stations</b>				
Contribution for HCCC Water Bottle Fill Stations (3)	2,500	-	2,500	15,000
<b>744031 - HCCC - HVAC &amp; Humidification System</b>				
Contribution for HCCC HVAC & Humidification project	30,000	-	30,000	300,000
<b>W. M. Memorial School Museum (C)</b>				
<b>784009 - Install Air Conditioner in Schoolhouse</b>				
Contribution for W.M.M.S.M. Air Conditioner	900	-	900	9,000
<b>Caledonia Parks (C)</b>				
<b>722022 - CAL - Avalon Park Central Green</b>				
Grass Cutting	8,600	8,600	-	2,300,000
Waste Disposal	1,000	1,000	-	
Portable Washroom Rental	3,000	3,000	-	
Hydro	500	500	-	
Water & Wastewater	200	200	-	
M & R - Grounds	5,000	5,000	-	
<i>Note - Due to construction, ongoing maintenance costs are anticipated to begin in 2022</i>				
<b>Social &amp; Family Services</b>				



**2020 SMT Tax Capital Budget & Forecast Review**

*Proposed 2020 Projects with Operating Impacts - New Initiatives Only*

	TOTAL Estimated Annual Cost/(Saving) (if available)	OPERATING Estimated Annual Cost/(Saving) (if available)	CAPITAL Estimated Annual Cost/(Saving) (if available)	2020 Capital Cost
<b>GVL - Administration (S)</b>				
<b>638002 - Scheduling Software Upgrade</b>				<b>13,250</b>
Scheduling software upgrade	5,580	5,580		
<b>GVL - Building &amp; Property (S)</b>				
<b>636009 - Door Access System Phase II</b>				<b>24,000</b>
Contribution for Door Access System Phase II	2,400	-	2,400	
<b>GVL - Dietary Services (S)</b>				
<b>632010 - Reach-In Freezer</b>				<b>7,100</b>
Contribution for Reach-In Freezer	710	-	710	
<b>GVL - Housekeeping (S)</b>				
<b>634006 - Ceiling Lifts/Tracks, Carriage for Beds</b>				<b>11,200</b>
Contribution for GVL Ceiling Lifts/Tracks, Carriage for Beds	1,120	-	1,120	
<b>Transportation Services</b>				
<b>Gravel Road Conversion Program (C)</b>				
<b>381092 - Project Manager, Gravel Road Conversion Program</b>				<b>121,390</b>
Benefits	6,220	6,220	-	
Cell phone with data	300	300	-	
Mileage	5,700	5,700	-	
Professional Development	3,820	3,820	-	
Salaries	95,300	95,300	-	
Work boots	180	180	-	
WSIB	470	470	-	
All costs transferred to project manager position C-381092	(111,990)	(111,990)	-	
<b>Grand Total</b>	<b>74,890</b>	<b>20,970</b>	<b>53,920</b>	<b>3,365,940</b>

**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 4 - 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 4 - 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.