

APPROVED TAX SUPPORTED
**CAPITAL BUDGET &
FORECAST**
2021 - 2030





Haldimand
County

**THE CORPORATION OF HALDIMAND COUNTY
COMMITTEE OF THE WHOLE MINUTES**

Date: March 4, 2021
Time: 9:30 A.M.
Location: Haldimand County Administration Building
Council Chambers

COUNCIL PRESENT

- K. Hewitt, Mayor
- S. Patterson, Councillor
- J. Metcalfe, Councillor
- D. Lawrence, Councillor
- T. Dalimonte, Councillor
- R. Shirton, Councillor
- B. Corbett, Councillor

STAFF PRESENT

- C. Manley, Chief Administrative Officer
- C. Case, General Manager, Corporate & Social Services
- M. Evers, General Manager, Community & Development Services
- T. Haedrich, General Manager, Engineering & Capital Works
- M. Merritt, General Manager, Financial & Data Services
- P. Mete, General Manager, Public Works Operations
- D. Pressey, Director, Roads Operations
- A. Cifani, Supervisor, Budget & Financial Planning
- M. Fagan, Manager, Fleet Operations
- J. Jacob, Administrator, Grandview Lodge
- P. Metropoulos, Manager, Information Systems
- K. Mowat, Supervisor, Facility Operations, Grandview Lodge
- T. Cassidy, Administrative Assistant, Citizen & Legislative Services
- E. Eichenbaum, Manager, Citizen & Legislative Services/Clerk

CALL TO ORDER

Mayor Hewitt called the Committee of the Whole meeting to order at 9:31 a.m.

ROLL CALL

The Mayor and all Members of Council were in attendance.

DISCLOSURES OF PECUNIARY INTEREST

None.

NEW BUSINESS

1 Opening Remarks

C. Manley introduced the 2021 Draft Tax Supported Capital Budget and Forecast, noting that the budget includes project management costs which are critical to continued success.

2 Presentation - Overview of the Draft Tax Supported Capital Budget and Forecast 2021-2030

A. Cifani provided an overview of the Draft Tax Supported Capital Budget and Forecast, noting the principles used to maintain sustainability and flexibility in the budget while mitigating vulnerability. It was added that although there are no COVID-19 impacts on the capital budget, the reserves, reserve funds and provincial grants will be significant sources of funding.

3 Presentation of Capital Budgets

3.1 ECW-05-2021 Budget Amendment - Business Application Software Project

Recommendation 1

Moved By: Councillor Corbett

Seconded By: Councillor Lawrence

1. THAT Report ECW-05-2021 Budget Amendment - Business Application Software Project be received;
2. AND THAT the revised budgets as outlined in Report ECW-05-2021 Budget Amendment - Business Application Software Project be approved.

CARRIED

3.2 CAO-M02-2021 Hagersville Library and Active Living Centre

Recommendation 2

Moved By: Councillor Dalimonte

Seconded By: Councillor Metcalfe

THAT Memorandum CAO-M02-2021 Hagersville Library and Active Living Centre be received as information.

CARRIED

3.3 Grandview Lodge HVAC Update

None.

3.4 Recommendation Approval

Recommendation 3

Moved By: Councillor Metcalfe

Seconded By: Councillor Lawrence

1. THAT the 2021 Draft Tax Supported Capital Budget and Forecast 2021-2030 be received and adopted as presented;
2. AND THAT the budgets and related financing be approved for the proposed 2021 tax supported capital expenditures in the amount of \$40,088,280 with projected debenture financing of \$3,856,140;
3. AND THAT the Capital Forecast for Tax Supported Services, for the years 2022 to 2030 be approved in principle, in the amount of \$234,435,050 with projected debenture financing of \$12,418,710;
4. AND THAT additional contributions totaling \$153,180 be included in the 2021 Tax Supported Operating Budget as a transfer to General, Fleet and Infrastructure Technology capital reserves related to new initiatives as identified in the 2021 Tax Supported Capital Budget;
5. AND THAT an additional contribution of \$200,000 be included in the 2021 Tax Supported Operating Budget as a transfer to the Capital Replacement Reserve – Community Halls to accommodate the impacts of new expenditure estimates resulting from Building Condition Assessments;
6. AND THAT an additional contribution of \$320,000 be included in the 2021 Tax Supported Operating Budget as a transfer to the Capital Replacement Reserve - General to offset the projected depletion based on updated capital needs;
7. AND THAT the ongoing contribution to Capital Replacement Reserve – Storm be decreased by \$50,000 based on projected needs;
8. AND THAT an additional contribution of \$324,240, based on a 2% inflation adjustment for various reserves, be included in the 2021 Tax Supported Operating Budget to be transferred to the various capital reserves as included in Summary 2;
9. AND THAT the Draft 2021 Tax Supported Operating Budget reflect a total 1.00% levy increase for capital purposes;
10. AND THAT Development Related Debt be issued on existing capital projects for the Storm Water – Dunnville, Alder Street – Cedar to West projects, as outlined in Appendix E;

11. AND THAT Development Related Debt be issued, as required, on future capital projects of Caledonia Fire and EMS Station, Caledonia Argyle Bridge, Caledonia Arterial Road, Hagersville Library and Dunnville Fire Station, as outlined in Appendix E.

CARRIED

CLOSED SESSION

None.

ADJOURNMENT

Recommendation 4

Moved By: Councillor Shirton

Seconded By: Councillor Patterson

THAT this meeting is now adjourned at 1:07 p.m.

CARRIED

MAYOR

CLERK



2021 Tax Supported Capital Budget and Forecast

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Haldimand
County

HALDIMAND COUNTY

Chief Financial Officer Report

2021 Tax Supported Capital Budget and Forecast

For Consideration by Committee of the Whole on March 4, 2021



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 2021 Tax Supported Capital Budget and Forecast, outlining the proposed tax supported capital infrastructure requirements for the period 2021 to 2030 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 26, 2021.

The 2021 Tax Supported Capital Budget and Forecast has been developed on the following fundamental principles:

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

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

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

It is imperative to review/approve the Capital Budget and Forecast in advance or in conjunction with the relative operating budget to gain a firm understanding of the impacts of the anticipated capital program on the tax supported operations of the municipality. Staff has included Appendix F to this document to illustrate the tax supported operational impacts of the proposed new initiatives included in the capital program for 2021.

Key Financial Messages – 2021 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 \$40.1 million in spending in 2021 and \$274.5 million over the 10 year period.

The 2021 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 2021-2030 capital program results in the following:

- A predictable annual tax levy impact of 1.0% and sustained capital-related spending, anticipated to be fully funded from additional tax revenues from increased assessment/new growth – it should be noted that there are funding impacts/concerns in years beyond 2023;
- A comprehensive roads and bridges capital program that, through additional funding of approximately \$10.5 million over the 10 year forecast (albeit primarily in the first five years), provides for:
 - A major road reconstruction program co-ordinated with underground services and utilities totaling approximately \$3 million over the forecast period;
 - Hot mix resurfacing program responsible for maintaining paved rural and arterial urban roads program remains relatively unchanged to support the revised 20 year paving cycle;
 - 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 \$4 million over the forecast period;
 - The acceleration of gravel road conversion to hard surface by 2025 with the bulk of the work occurring in 2021-2023. As Gravel roads are converted, funds required for this program are redirected to fund the surface treatment program, this resulted in a net decrease of approximately \$4 million over the forecast period to maintain these programs;
 - The bridge inspection and replacement program of the 266 bridges/culverts and a retaining wall program needs of approximately \$5 million increase over the 10 year forecast.
 - A comprehensive program for Municipal Drain maintenance that results in the clean out activities every 10 years for all 84 municipal drains
 - A building and facility inspection program and capital funding that will ensure all municipal facilities are kept in good condition thereby maximizing the County's investment in these important amenities.
 - The acceleration/addition of the above noted programs has had the following impacts: shifting projects to future years (e.g. River Road project deferred to 2024), shifting annual funding between various capital replacement reserves, and delaying projects based on condition/risk factors.
 - Inclusion of key infrastructure to address tax related growth including \$5.9 million to develop an arterial roadway in Caledonia, \$1.3 million towards Argyle Street Bridge upgrades, \$7.1 million for a Roads Operations Service Model Review and Implementation to address growth related needs and ensure efficient service delivery, \$5.2 million for a new combined firehall/ambulance base in Caledonia, \$10.3 million towards the replacement of the Library and Active Living Centre facilities in Hagersville.

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

- Uncertainty with respect to the wider economy and implications in terms of local growth and investment that translate into assessment growth – can growth ultimately pay for growth?
- COVID uncertainty continues to present challenges not only in operational services, but also in the capital plan. The economic impact locally and globally has the potential to negatively impact costs and resources availability.
- 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

2021 Draft Tax Supported Capital Budget and Forecast

Committee of the Whole on March 4, 2021



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 2021 Budget Timetable:

Budget	Review Date(s)	Additional/Conditional Dates
Rate Supported Operating and Capital Budget	January 26, 2021	n/a
Tax Supported Capital Budget	March 4, 2021	March 5, 2021 (if required)
Tax Supported Operating Budget	March 31, 2021	April 1, 2021 (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 26, 2021.

2021 Tax Supported Capital Budget and Forecast

The recommendations contained within the 2021 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 with a focus on sustainability, protection against vulnerability and maintaining flexibility.

The fundamental financial principles/objectives of the 2021 Tax Supported Capital Budget and Forecast are as follows:

- A 1.0% increase in the tax levy to fund the capital requirements for the 2021 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 2021 is estimated at 1.95%, 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 2021; 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.

The 2021 Tax Supported Capital Budget includes approximately \$40.1 million of infrastructure investment in 2021 with a total tax supported infrastructure investment of 274.5 million over the 10 year period ending in 2030.

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 2021. Understanding the ongoing additional operational impacts will assist Council in evaluating the merits/needs of the proposed capital projects.

The County has predictable grant sources for capital funding. Approximately 16.6%, or \$45.5 million of the 2021 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 to be reviewed. In the absence of any further announcement, staff have continued to project OCIF funding for the 2022 – 2030 forecast. The potential loss of OCIF funding would be extremely problematic as it will have an immediate and direct impact on the County's long-term funding strategy. Appendix G–Summary of Forecasted Reserve scenario has been provide to show the impact on CRR-Roads Infrastructure should OCIF funding not continue past 2021. As shown, in 2024 Road Infrastructure Reserve falls into a deficit of \$3.5 million which continues to grow to an \$8.5 million deficit by 2030.

This capital forecast will require debt financing of approximately \$11.0 million in new tax supported debt and \$9.0 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 \$5.9 million (including both tax, rate supported and DC debt payments) at any point during the forecast period (ranging from \$4.1 million in 2021 to \$5.9 million in 2026). It should be noted, as the level of debt increases, the County's degree of flexibility to meet unanticipated expenditures diminishes.

Reserve funding represents the largest annual funding source. Most income for these reserves is derived from the County's tax levy. The recommended 1.0% increase in the overall capital levy for 2021 of \$698,000 is utilized for debt charges and contributions to reserves. For 2021, there is an increase in contributions to reserve funds caused by a reduction in debt repayment needs of approximately \$200,000 for 2021.

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, which lead to the deferral of various projects such as the River Road coordinated project, which was deferred from 2021 to 2024. 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 futures years with all components fully implemented by July 1, 2024.

Despite the above noted reporting requirements related to tangible capital assets, the Municipal Act continues to allow municipalities to not budget for the following items: amortization expenses related to capital assets; post-employment benefit costs; and solid waste landfill closure and post-closure expenses. Although this does not directly affect the 2021 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 2021 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 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 2021 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 2021 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.

2021 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, and 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 2021 Tax Supported Capital Budget and Forecast are as follows:

- A 1.0% increase in the tax levy to fund the capital requirements for the 2021 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 2021; 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.

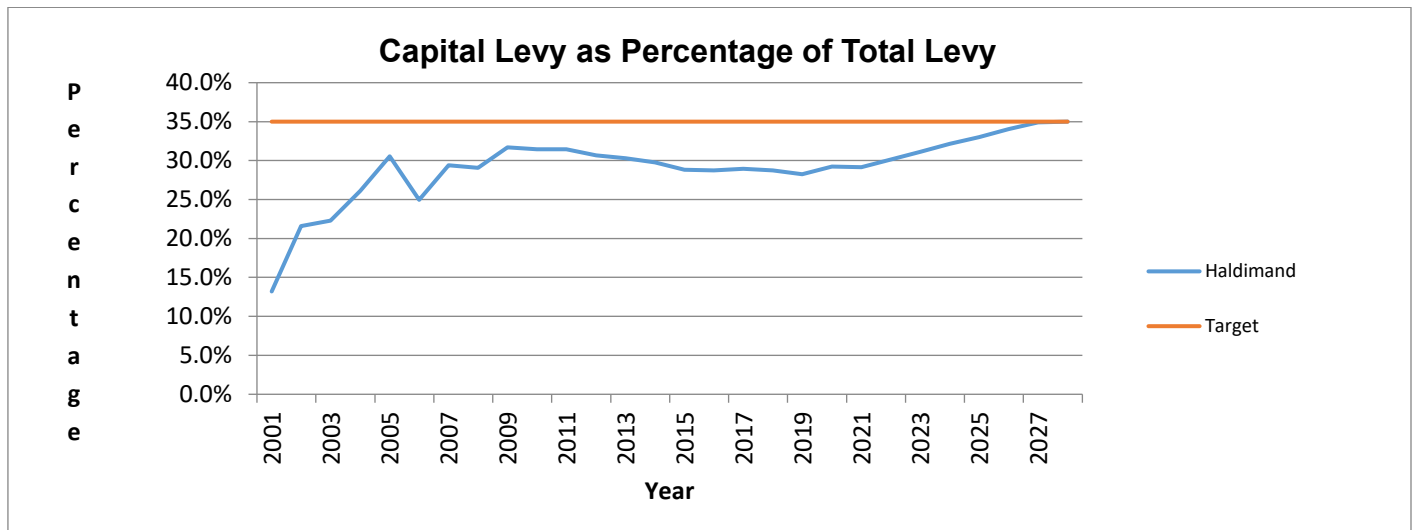
Increase Capital Related Levy to Target of 35%

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 **29.14%** of the County's base levy for 2021 will be capital related.

The following graph depicts the County's historical and projected percentages over the 2001 to 2028 period based on the 2021 Tax Supported Capital Budget and Forecast. As depicted below, steady improvement has been made in the annual tax levy investment in capital spending. It is anticipated that, by initiating successive future increases in the capital levy of 1.0%, the 35% target will be achieved by 2028 (projections assume no change in total current annual levy requirements and constant dollars for the capital forecast). 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 2020 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 2020 base levy.

Focus on “Replacement”/State of Good Repair”

Description/Rationale for Guideline: The 2021 Tax Supported Capital Budget and Forecast represents a review of current and future capital needs based on replacement/“state of good repair” needs versus “new”/enhanced infrastructure needs. For analysis/presentation purposes, the following definitions/criteria have been utilized to determine the relative allocations:

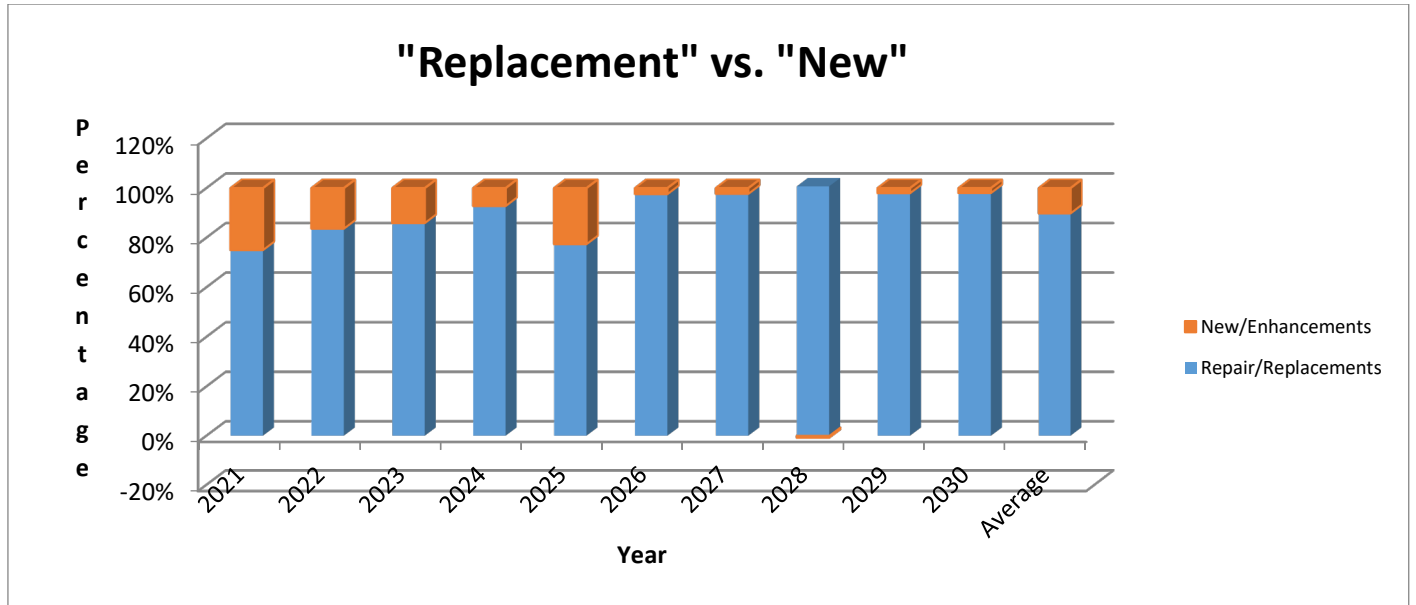
State of Good Repair (SOGR)/Replacement: Represents capital projects related to repairing/replacing an asset that the County currently owns and manages (this includes replacing existing capacity for service levels – i.e. landfills and cemeteries). These assets are typically already in the County’s inventory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

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

Given the ultimate responsibility to replace existing infrastructure and the associated costs of deferred maintenance/replacements, the proportion of capital costs related to “replacements” should be significantly higher than “new/enhanced”. 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.



Note: The negative balance in New/Enhancements in 2028 reflects the removal of 2 road graders that are no longer required with the gravel road conversion project. With the accelerated program, roads operation has identified in 2021 the need for 2 tandem axle plows/sander vehicles to maintain the newly converted roads, therefore no longer requiring the previously identified road graders.

The 2021 capital budget represents a 75%/25% allocation (replacement to new/enhanced, excluding external funding and CVF funds). The average over the ten year forecasted period is 90%/10%. 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 2021 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>2021 Budget Average Annual Gross Expenditures</u>	<u>2020 Approved Budget Average Annual Gross Expenditures</u>

“Short Term ” - 2021 to 2023	\$31.9 Million	\$33.2 Million
“Mid-Term” - 2024 to 2026	\$30.2 Million	\$21.7 Million
“Long-Term” - 2027 to 2030	\$22.1 Million	\$20.4 Million
10 year Average	\$27.5 Million	\$24.6 Million

Estimated Haldimand County “Infrastructure Deficit/Gap”

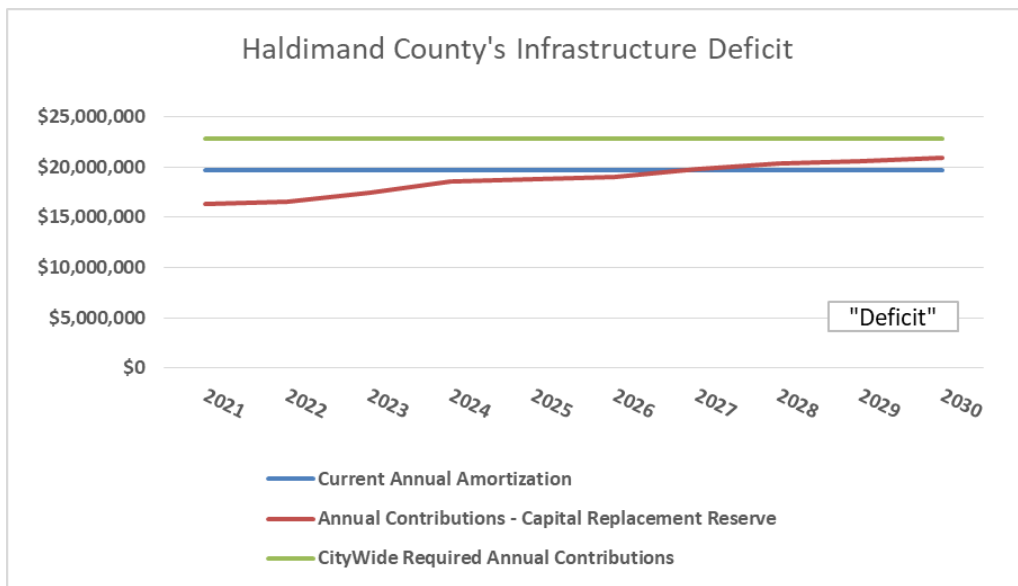
It is generally accepted that municipalities do not currently have the financial resources to fully fund the essential replacements associated with their current infrastructure needs. Although there is no statutory definition for “infrastructure deficit/gap”, a generally accepted definition is as follows: *“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>2019 Net Book Value</u>	<u>Historical Cost</u>	<u>Net Book Value (NBV)</u>	<u>NBV as % of Cost</u>
Tax Supported Assets	\$693,000,017	\$342,953,385	50.0%
Water/Wastewater Assets	\$229,480,637	\$145,522,828	63.0%
Total Assets	\$922,480,654	\$488,476,213	53.0%

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

The County completed a comprehensive Asset Management Plan (AMP) in 2014 for the following asset categories: roads, bridges/culverts, storm sewer, water and wastewater. The plan included the required annual reserve contributions based on the anticipated cost and timing of replacement of the underlying assets in these categories. This plan identified significant annual funding shortfalls, particularly in the roads/bridges and water categories. In June 2018, Staff presented to council an 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 \$18.4 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 \$4.4 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 2021 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%	1.0%
2021	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 2021. 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 2021. This will be subject to annual approval by Council. Based on this revised plan, it is anticipated that a capital levy of 35% of the total annual tax levy will be reached by 2028.

An analysis of the current projected Capital Replacement Reserves (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). As well, there is a significant reduction in the overall balance of the capital reserves during 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 2021 it is expected to be in a **negative** position of **\$9.8 million** – these funds are being internally financed from Capital Replacement Reserves leaving an estimated net Capital related Reserves balance of \$18.9 million by the of 2021; 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 2021 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 2021. The same process was utilized to determine the level of new/enhanced projects that could be initiated in the current year.

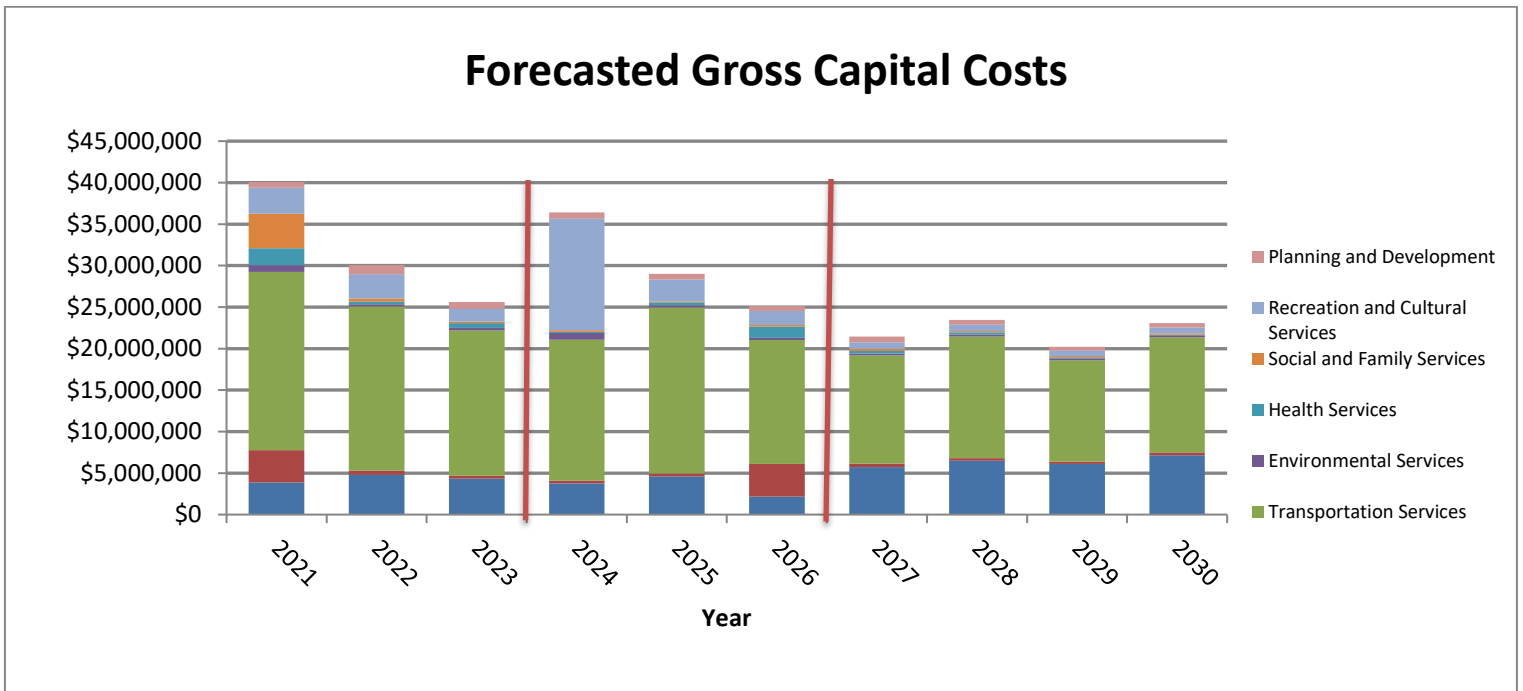
The resulting 2021 Tax Supported Capital Budget includes approximately \$40.1 million of infrastructure investment in 2021 with a total tax supported infrastructure investment of \$274.5 million over the 10 year period ending in 2030.

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 2021 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 60%). 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 \$16.4 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 2021 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 and further work at the trail head of Cayuga Grand Vista.

Significant anomalies are as follows:

- General Government: renovations to the Kohler Facility space in 2021 for \$717,000; planned replacement of computer servers in 2025 and 2030 totaling \$355,000 in each respective year; planned aerial truck in 2022 for \$1.4 million, and \$2.1 million in both 2027 and 2030 for pumper trucks; new plow trucks in 2021 for \$680,000 and replacements planned in 2023 for \$1.0 million, 2028 for \$2.9 million and 2030 for \$1.9 million.
- Protection Services: replacement/expansion of Caledonia Fire Station in 2021 for \$3.5 million; replacement of Dunnville Fire Station in 2026 for \$3.6 million.
- Transportation Services: a new initiative to review and implement a County Wide Roads Operation Service Model (\$7.1 million) planned for 2025; Caledonia Arterial Road in 2021 of \$5.9 million; Caledonia Argyle St Bridge Replacement (Haldimand Share \$1.3 million) in 2023; Argyle/Haddington Intersection improvements totaling \$1.1 million in 2021; the bulk of granular conversion to be completed in 2021-2023 (\$3.8, \$3.8, \$2.7 million respectively).
- Health Services: additional ambulance bay in Caledonia in 2021 totalling \$1.7 million; replacement ambulance depot in Dunnville in 2026 totalling \$1.3 million.
- Social & Family Services: newly identified GVL HVAC Replacement Plan of \$3.2 million.
- Recreation and Cultural Services: replacement of the library in Hagersville for \$5.8 million and new Active Living Centre for \$4.5 million planned in 2024; addition of River Road Cycling Lane in 2024 for \$720,000; replacement of the Cayuga and Hagersville Skate Park in 2024 for \$400,000 each; Dunnville Pool Changehouse replacement in 2022 for \$530,000; Hagersville Arena Parking Lot Resurfacing in 2025 for \$500,000.
- Planning and Development: Dunnville Secondary Plan \$150,000 in 2027, and an Archaeological Master Plan \$150,000 in 2022.

Included in Appendix F are the anticipated annual operating impacts of the 2021 Tax Supported Capital Budget new initiatives. In aggregate, it is anticipated that there is a total net annual operating impact of \$116,690 or a 0.17% levy impact as a result of new/enhanced capital expenditure programs presented in this year's budget. These costs will be reviewed in relation to other levy drivers in the tax supported operating budget scheduled for Council's review on March 31, 2021.

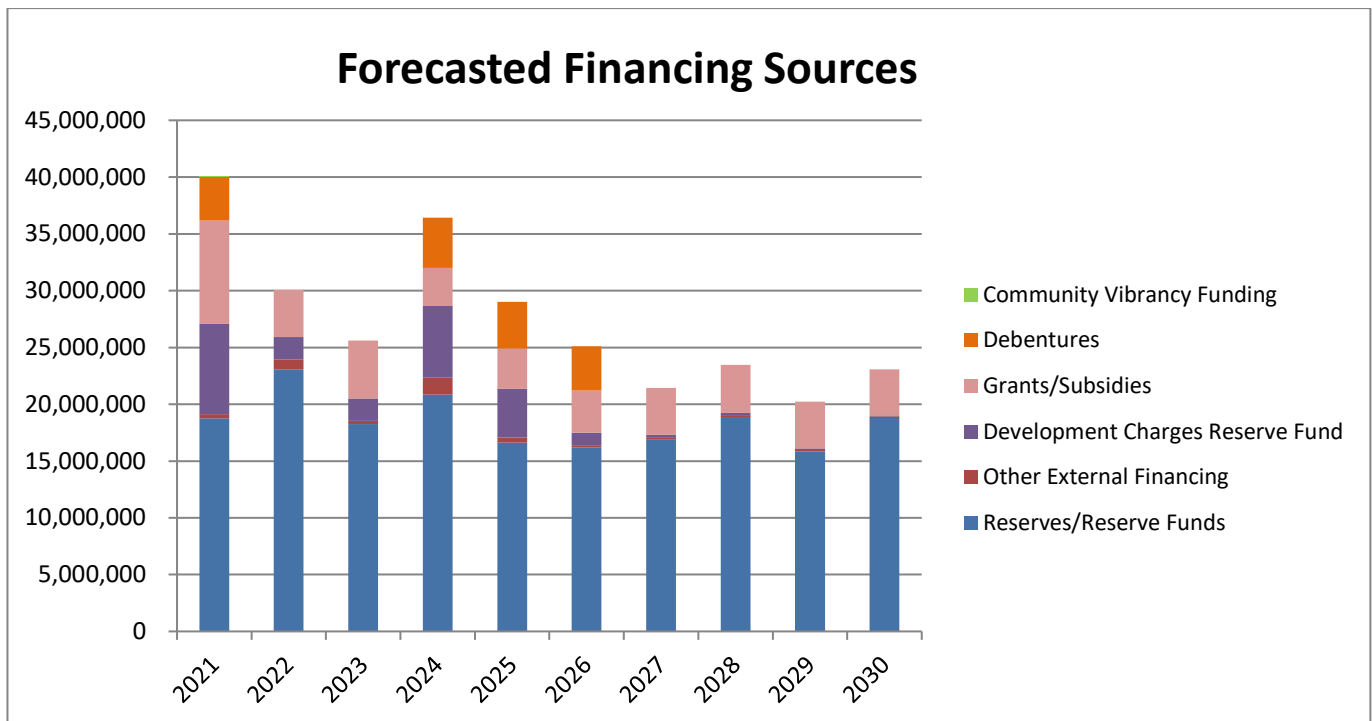
Financing Sources

The County has certain financing sources to draw upon to provide for the capital costs associated with the 2021 Tax Supported Capital Budget and Forecast. The source of financing for specific projects varies depending on the availability of funds and the nature of the capital projects. As previously indicated, specific Capital Financing Principles were developed and utilized to determine the appropriate funding sources for proposed capital replacements or new initiatives. These principles are outlined in detail in Appendix A of the budget document as they relate to specific sources of funding. The application of the principles developed for the Capital Budget and Forecast provides a fundamental basis to evaluate the County's ability to finance its required capital replacements.

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

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

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



External Funding

External financing sources total 1.6% 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 \$45.5 million (or 16.6% 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 \$40.8 million (14.8%) over the forecast period. The tax supported allocation of Federal Gas Tax funding, totals \$14.3 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 \$10.3 million and \$3.9 million respectively. The OCIF funding, totalling \$27.8 million based on approved contributions to 2021 and projected contributions utilized for 2022-2030. As per OCIF funding criteria, the funding is to be utilized within 5 years of receipt, although it has been historically been the County’s approach to utilize grant funding in the year in which it is received.

The budget also includes anticipated provincial funding of approximately \$3.8 million through the Investing In Canada Infrastructure Program (ICIP). Two streams have been identified – COVID-19 Resilience Infrastructure Stream with an allocation of \$651,000 to be utilized for GVL projects. The second stream is application based under Resilience Infrastructure Stream for Long-term Care Facilities that is geared to reinforce safe physical distancing and retrofitting projects, such as improvements to Heating, Ventilation and Air-Conditioning (HVAC) systems. This grant opportunity has been included in 2021 to fund GVL’s HVAC replacement project of 6 units for \$3.2 million.

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 2021 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 the 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 2021 Tax Supported Capital Budget for use of these funds. It is staff's understanding that this Provincial Infrastructure Grant was intended to be a permanent source of funding for small municipalities, but the current agreement only includes amounts to 2021. The Province did indicate that this program was to be reviewed, however, in the absence of an announcement, staff have included OCIF grant funding for the 2021 and as well as the 2022 - 2030 forecast. See Appendix G–Summary of Forecasted Reserve scenario for impact on CRR-Roads Infrastructure should OCIF funding not continue past 2021.

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 \$44.8 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 2021 or beyond. These existing debt requirements total approximately \$16.3 million and includes the proposed new projects to be initiated during 2021 to 2030 and debt financed are: replacement of Hagersville library in 2024 (\$4.4 million debt to be issued); Caledonia

Firehall/Ambulance station in 2021 (\$3.9 million combined debt to be debt issued), Roads Operations Review and Implementation in 2024 (\$4.1 million) and debt financing for the Dunnville Fire Station Replacement and EMS Base in 2026 with the County debt requirement totaling \$3.9 million (\$1.3 million and \$2.6 million respectively).

Development Charge (“DC Debt”):

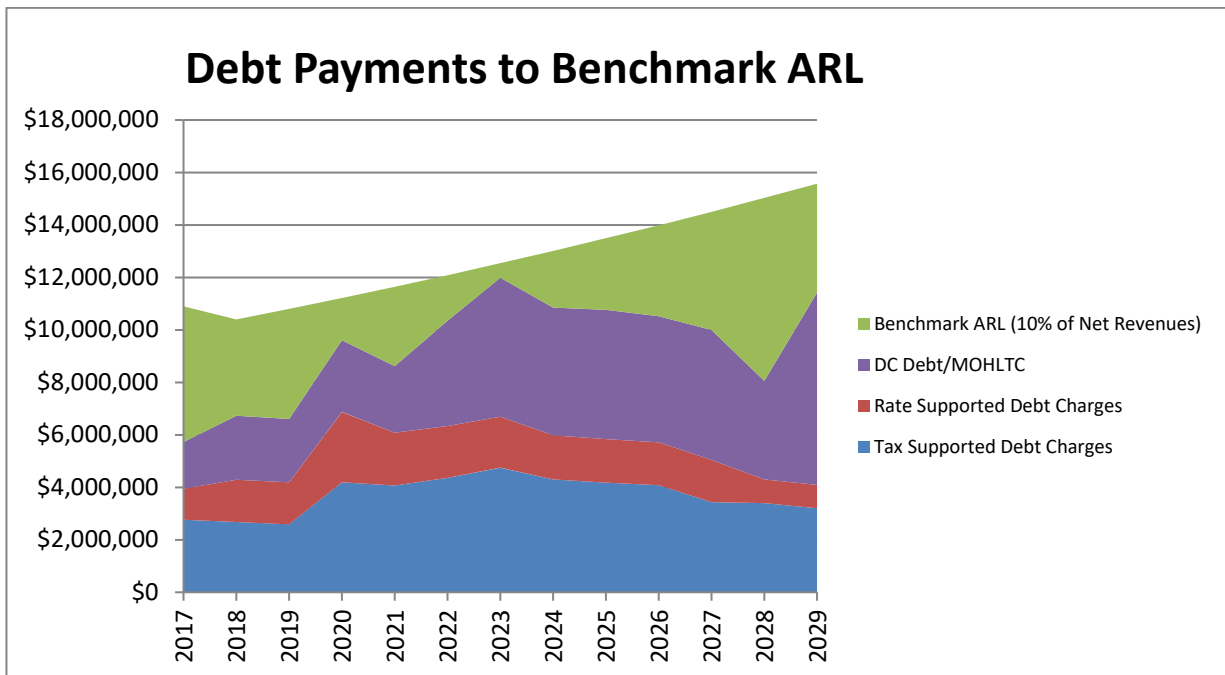
As outlined below, under impacts on Development Charges, it is anticipated that new debt to be recovered from future Development Charges will need to be issued over the forecast period to offset negative cash flows due to the timing of Development Charges receipts (i.e. commonly referred to as “DC or 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 2021) include \$5.9 million for the Caledonia Arterial Road, \$1.3 million for the Caledonia Argyle Street bridge replacement, \$830,000 for the Caledonia Replacement Fire Station, \$498,000 for the Caledonia EMS base, and \$781,000 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 2021 in excess of \$24 million; however, this would have a monumental financial impact on both tax and rate payers.

The following graph reflects the annual debt charges in relation to the County’s approved annual repayment limit (ARL) of 10%, as per the Capital Financing Principles. As indicated above, principal amounts of approximately \$16.3 million in new tax supported debt and \$10.8 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 \$15.3 million (including both tax, rate supported and DC debt payments) at any point during the forecast period (ranging from \$8.6 million in 2021 to \$15.3 million in 2027).



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 2021 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 67% over the 10 years, ranging from 47% to 81% per year).

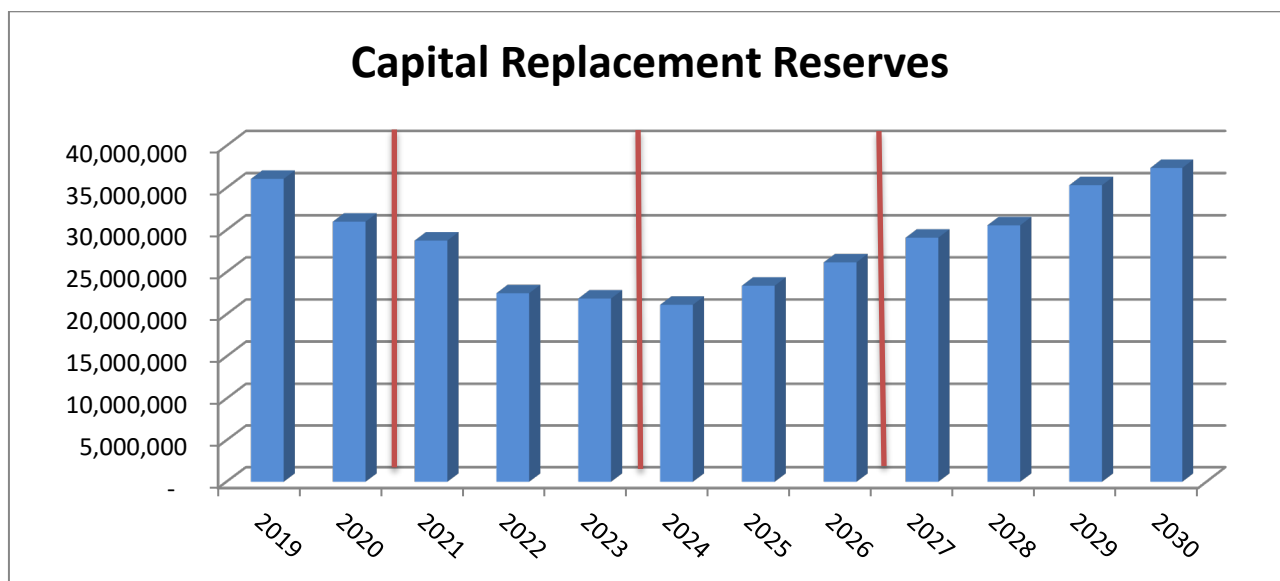
Reserves and reserve funds form a critical component of the County's long-term financing plan and represent the major financing source for future capital projects. Included in the appendices is a summary of the tax supported Capital Replacement Reserves (CRR) and specific Capital Reserves (i.e. Park 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 2021 (includes debt charges and contributions to reserves) amounts to approximately \$698,000. 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 2021 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 \$153,180 in 2021 (see Summary 2) related to the future replacement of the proposed 2021 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 \$200,000 for 2021 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: 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 additional funds earmarked for the Library Reserve as no longer required
 - The above changes provides an additional \$2.1 million funding over the 10 year period.
- 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 \$324,000.
- 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 trials/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 2021 and 2022 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 2020, and further reductions result in a low of \$21.1 million in 2024. 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 2021 totaling \$9.8 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 \$26.9 at the end of 2021 (net the Hydro Legacy Fund and Growing Communities Reserve Fund); compared to a net reserve balance of \$53.2 million at the end of 2030.

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 2021). 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 \$24.3 million (8.9%). 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 (\$9.1 million) which includes the Caledonia Arterial road totaling \$5.9 million and Argyle St Bridge Replacement for \$1.3 million; replacement of Caledonia and Dunnville Firehalls totaling \$1.8 million; Arial Fire Vehicle for \$1.4 million; Caledonia EMS base totaling \$498,000, Cemetery development totaling \$392,000, Recreational Services totaling \$5.5 million which includes Hagersville Active Living Centre \$4.1 million and Hagersville library for \$781,000; 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 2021 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 2021 (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 2021 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 2021, 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 2021 Tax Supported Capital Budget and Forecast to 2030 and the financing sources recommended therein. This will approve the specific capital projects outlined in 2021 and endorse, in principle, the projects from 2021 to 2030. A commitment to a pre-determined tax levy increase associated with this continued investment in capital infrastructure will provide for better long range planning and predictable annual capital levy increases for taxpayers. It is also recommended that the proposed increase(s) in annual contributions to specific capital replacement reserves, as outlined in Summary 2 in the Executive summary on page S2-1, be approved.

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Haldimand County

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Haldimand County

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2021 - 2030 Tax Supported Capital Budget
Project Changes Over \$100,000

	State of Good Repair/New Initiative	Explanation	Change Type	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Environmental Services														
Other Perpetual Care														
429003 - Closed Landfills - ESA Phase 1 & 2	New Initiative	Revised timing and estimated costs to ensure Environmental Site Assessments (ESA) are completed on 14 of the 16 closed landfills (Canborough and Tom Howe not included). These changes have a positive impact on the associated funding source.	Project Shifted		(114,000)			85,500						(28,500)
Total Other Perpetual Care					(114,000)			85,500						(28,500)
Urban Storm Sewer System														
495023 - River Road - Hwy 3 to Sutor Rd Culvert Replacement	State of Good Repair	New project added for the replacement of deep culverts (to be completed with resurfacing of the road). The project is fully funded from CRR-Storm Sewer, and the additional draw will negatively affect the reserve balance.	Project Added				100,000							100,000
Total Urban Storm Sewer System							100,000							100,000
Total Environmental Services					(114,000)		100,000	85,500						71,500
General Government														
Fleet & Equipment Pool														
316039 - Brine Trailers ROADS (2)	New Initiative	Project added to budget as the trailers will have the ability to be towed by current fleet of tandem axle plow trucks. These units will replace two tandem axle trucks that are currently in service and being used to spread anti-icing liquid. The trucks are beyond their useful life. If the trailers are approved, the replacement of the trucks in 2028 will be removed from the forecast (316040 below). The net impact will be favourable for the CRR-Roads Equipment Reserve, as well as operation efficiencies that will be gained from a greater brine capacity on the trailers.	Project Added	300,000										300,000
316040 - Tandem Axle Plow/Sander ROADS (2)	New Initiative	This purchase of two additional tandem axle plow/sander trucks has been added to the budget as a result of the granular road conversion program. The Roads Operations Division need to modify the winter control fleet in order to maintain these new class of roads, rather than the historical use of graders. This change has an unfavourable impact on CRR-Roads Equipment. The reduction in 2028 is the removal of the replacement of the two tandem axle trucks currently used to spread anti-icing liquid, discussed in 316039 above.	Project Added	680,000							(600,000)			80,000
316041 - Diamond Boom - Loader Attachment ROAD (2)	New Initiative	Project added to create efficiencies within the Roads Operation Division. Currently there is only one unit, shared among the four districts, to clear brush and grasses within the road right of way. This leads to staff renting boom mowers are required. Having the ability to do this road maintenance in house will reduce future operating expenses, while delivering a better service level. The payback for the initial purchase cost (not factoring in ongoing fleet charges and contributions to reserve for replacement) as a result of reduced rental costs is estimated at 4-5 years. This purchase will however, have a negative impact on the CRR-Roads Equipment Reserve.	Project Added	300,000										300,000
316046 - Single Axle Plow/Sander - ROADS (2)	New Initiative	New equipment added to the forecast, tied to project 322022 - Roads Operations Service Model Review and Implementation (County-Wide), as a result of significant growth in Caledonia. Project currently funded from development charges.	Project Added					580,000						580,000
316047 - Street Sweeper - ROADS (1)	New Initiative	New equipment added to the forecast, tied to project 322022 - Roads Operations Service Model Review and Implementation (County-Wide), as a result of significant growth in Caledonia. Project currently funded from development charges.	Project Added					375,000						375,000
316048 - Backhoe Loader - ROADS (1)	New Initiative	New equipment added to the forecast, tied to project 322022 -Roads Operations Service Model Review and Implementation (County-Wide), as a result of significant growth in Caledonia. Project currently funded from development charges.	Project Added					165,000						165,000
316049 - One Ton Pickup Trucks ROADS (4)	New Initiative	New equipment added to the forecast, tied to project 322022 Roads Operations Service Model Review and Implementation (County-Wide), as a result of significant growth in Caledonia. Project currently funded from development charges.	Project Added					320,000						320,000



2021 - 2030 Tax Supported Capital Budget
Project Changes Over \$100,000

	State of Good Repair/New Initiative	Explanation	Change Type	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Various Fleet Replacement Projects	State of Good Repair	2021 is removed and now identified as individual projects as required, or moved out in the forecast. Other years reflect shifts based on condition review and increases in capital costs for various classes, due to recent quotes. 2030 enters the 10 year forecast. Projects are funded through CRR-Fleet, maximizing the life allows for future savings and impacts the funds available in years identified.	Various	(994,500)	520,000	537,750	15,000	485,750	10,000	175,000	(215,000)	144,000	2,981,800	3,659,800
Total Fleet & Equipment Pool				285,500	520,000	537,750	15,000	1,925,750	10,000	175,000	(815,000)	144,000	2,981,800	5,779,800
General Administration Facilities														
171020 - Project Manager, Caledonia EMS Station	New Initiative	There is a need for a dedicated Project Manager to manage the construction of the Caledonia EMS Station and ensure it is completed by the Council directed completion date of 2022. This project is a new initiative for a contract project manager capitalized for a two year term (2021-2022) from the Caledonia Fire Hall and Caledonia Ambulance Base projects. CRR-General will be negatively impacted by adding this project.	Project Added	119,870	115,470									235,340
171008 - FAC ADMIN - Moulton Communication Tower Replacement	State of Good Repair	Project shifted to align with the replacement of the Dunnville Fire Station. This shift defers the burden on the CRR-General reserve.	Project Shifted				(300,000)		300,000					-
171017 - FCA Capital Projects	State of Good Repair	Placeholder added to forecast to fund projects to be identified in 2021/2026 building condition assessments. While this will negatively impact the forecast for CRR-General, it provides an allocation in order to plan for projects that will be identified.	Project Added							1,500,000	1,500,000	1,500,000	1,500,000	6,000,000
Total General Administration Facilities				119,870	115,470	-	(300,000)	-	300,000	1,500,000	1,500,000	1,500,000	1,500,000	6,235,340
Information Systems														
136036 - Project Manager, Innovation & Technology Services	New Initiative	Project manager to oversee broadband project and other IT related projects as needed. CRR-IT will be negatively impacted, however this project will allow for a dedicated staffing resource to keep the project on track and ensure completion within the Council directed timeframe. This project will place additional burden on CRR-Information Technology.	Project Added	128,000	123,600	123,950	123,600	123,950						623,100
136028 - Desktop Software	State of Good Repair	Project shifted to allow for better planning of upgrade. This shift defers the burden on CRR-Information Technology.	Project Shifted	(131,750)	131,750						(131,750)	131,750		-
Total Information Systems				(3,750)	255,350	123,950	123,600	123,950	-	-	(131,750)	131,750	-	623,100
Kohler Fleet Garage														
318003 - Kohler Facility - Roof, Storage Addition, Office & Shop Renovation	New Initiative	Building Addition - budget increased based on increased building costs partially resulting from material shortages caused by COVID. This will have a negative impact on CRR-General.	Scope Increase	100,000										100,000
Total Kohler Fleet Garage				100,000	-	-	-	-	-	-	-	-	-	100,000
Total General Government				501,620	890,820	661,700	(161,400)	2,049,700	310,000	1,675,000	553,250	1,775,750	4,481,800	12,738,240
Health Services														
Caledonia Ambulance Base														
542001 - Caledonia Paramedic Services Base	c	Construction budget reduced to offset contract project manager (171020) for two years. This will reduce the required debt funding, as the project manager will be funded from CRR-General.	Scope Change	(163,000)										(163,000)
542002 - Roof Replacement	State of Good Repair	Project added for full replacement of roof due to severe deterioration. This has a negative impact on CRR-General.	Project Added	134,000										134,000
Total Caledonia Ambulance Base				(29,000)	-	-	-	-	-	-	-	-	-	(29,000)
Paramedic Services Administration														
541002 - Defibrillator Replacement	State of Good Repair	Budget increase to reflect cost increases based on current estimates. This will have a negative impact on the CRR-General reserve.	Scope Increase		58,000	23,300				58,000	23,300			162,600
Total Paramedic Services Administration				-	58,000	23,300	-	-	-	58,000	23,300	-	-	162,600
Cayuga Cemeteries														



2021 - 2030 Tax Supported Capital Budget
Project Changes Over \$100,000

	State of Good Repair/New Initiative	Explanation	Change Type	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
565003 - CAY - Street Barnes Cemetery	New Initiative	Project added for improvements to cemetery as it is in the process transferring to the County. This will have a negative impact on the CRR-General reserve.	Project Added	100,000										100,000
Total Cayuga Cemeteries				100,000	-	-	-	-	-	-	-	-	-	100,000
Total Health Services				71,000	58,000	23,300	-	-	-	58,000	23,300	-	-	233,600
Protection Services														
Caledonia Fire Hall Station #1														
222001 - Caledonia Fire Station Replacement	State of Good Repair	Construction budget reduced to offset contract project manager (171020) for two years. This will deduce the required debt funding, as the project manager will be funded from CRR-General.	Scope Change	(331,700)										(331,700)
Total Caledonia Fire Hall Station #1				(331,700)	-	-	-	-	-	-	-	-	-	(331,700)
Dunnville Fire Hall Station #9														
226007 - Dunnville Fire Station Replacement	State of Good Repair	Removal of temporary financing charges, as debt is planned to be issued at the beginning of the project. This has a positive impact on all funding sources, but will result in debt payments commencing earlier.	Scope Change						(174,400)					(174,400)
Total Dunnville Fire Hall Station #9				-	-	-	-	-	(174,400)	-	-	-	-	(174,400)
Fire General Administration														
221003 - Bunker Gear	State of Good Repair	Budget increased as a result of the increased number of new recruits, and expiring equipment. This will have a negative impact on the funding source, CRR-General.	Scope Increase	24,000	24,000	24,000	24,000	24,000	9,000	9,000	9,000	9,000	60,000	216,000
Total Fire General Administration				24,000	24,000	24,000	24,000	24,000	9,000	9,000	9,000	9,000	60,000	216,000
Total Protection Services				(307,700)	24,000	24,000	24,000	24,000	(165,400)	9,000	9,000	9,000	60,000	(290,100)
Recreation & Cultural Services														
Community Development & Partnerships														
791009 - Recreation Facility Development Strategy	New Initiative	Project added for the consultation associated with the development of a multi-purpose recreation facility. This was identified as a priority in CAO-03-2019 Term of Council Corporate Priorities - 2018-2022. Funding for the project is from the Growing Communities Reserve Fund, created by Council during the 2018 Tax Supported Operating Budget deliberations.	Project Added	110,000										110,000
Total Community Development & Partnerships				110,000	-	-	-	-	-	-	-	-	-	110,000
Community Halls Partnership Program														
750057 - Hagersville Active Living Centre	New Initiative	New project added for community centre portion of Hagersville Library & Active Living Centre - Parking, driveway, sidewalks. Project is funded primarily from development charges based on provision for additional recreation space in DC background study (2019).	Project Added				4,539,400							4,539,400
750043 - Rainham CC - Roof/Siding Replacement	State of Good Repair	2020 budget of \$150,000 re-identified as project was not initiated. Budget increased based on 2020 tender pricing. The additional funding requirement will put additional pressure on CRR-Community Halls.	Scope Increase	250,000										250,000
Total Community Halls Partnership Program				250,000	-	-	4,539,400	-	-	-	-	-	-	4,789,400
Hagersville Parks														
723007 - HAG - Replace Skateboard Park	State of Good Repair	Project shifted due to planned 2021 repairs which will extend the useful life. This defers the burden to CRR-General, and allows the community more time to fundraise.	Project Shifted		(400,000)			400,000						-
Total Hagersville Parks				-	(400,000)	-	-	400,000	-	-	-	-	-	-
Cayuga Parks														
725007 - Cayuga Village on the Green Landscape	New Initiative	Project removed pending outcome of overall Cayuga Parks plan. This removes the funding commitment from the Community Vibrancy Fund.	Project Deleted	(100,000)										(100,000)



2021 - 2030 Tax Supported Capital Budget
Project Changes Over \$100,000

	State of Good Repair/New Initiative	Explanation	Change Type	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
725009 - CAY - Skate Park/Tennis Court Replacement	State of Good Repair	Project deferred to 2024. This will delay the burden on CRR-General and allow more time for community fundraising.	Project Shifted		(400,000)		400,000							-
Total Cayuga Parks					(100,000)	(400,000)	400,000							(100,000)
Dunnville Parks														
726015 - DUNN - Parks Workshop Replacement	State of Good Repair	Project deferred to 2024. This will delay the burden on CRR-General.	Project Shifted				472,000							472,000
726022 - Port Maitland East Breakwall Extension	State of Good Repair	Project removed pending outcome of County Boat Launch Feasibility Study, for a net decrease in required funding from CRR-General.	Project Deleted					(290,000)						(290,000)
726023 - Port Maitland East Boat Launch Replacement	State of Good Repair	Project removed pending outcome of County Boat Launch Feasibility Study, for a net decrease in required funding from CRR-General.	Project Deleted					(150,000)						(150,000)
726024 - DUNN - Pt Maitland West Boat Launch	State of Good Repair	Project added to raise dock to compensate for high waters in area, shoulder improvements will enhance parking and allow for better flow of traffic, security measures and message board will mitigate issues at site. This project is funded from CRR-General, like 726022 and 726023 above, resulting in an overall reduced burden on the reserve.	Project Added	310,000										310,000
Total Dunnville Parks					310,000		472,000	(440,000)						342,000
Hagersville Library														
773003 - Hagersville Library Replacement	State of Good Repair	Project not initiated in 2020. Re-identified in 2021 and budget increased to reflect current quotes. Originally budgeted at \$3,795,500, the majority of funding for this project is from debentures which will increase the debt burden.	Scope Change				5,786,200							5,786,200
Total Hagersville Library							5,786,200							5,786,200
Trails and Pathways														
725008 - River Rd - On-Route Cycling Lane - Hwy 3 to Sutor [R]	New Initiative	Budgeted expenditures have increased as a result of updated costing information. Project has also been shifted to 2024, which aligns with coordinated projects 495023 and 383031. This will have an unfavourable overall impact on the funding source, DCRF-Roads.	Scope Increase	(570,000)			720,000							150,000
Total Trails and Pathways					(570,000)		720,000							150,000
Total Recreation & Cultural Services					-	(800,000)	11,917,600	(40,000)						11,077,600
Social & Family Services														
GVL - Building & Property														
636008 - GVL Roof Top Air Handling Unit Replacement Plan - Engineering, Procurement and Replacement	State of Good Repair	Project scope increased to incorporate the full replacement of all units, and accelerated to take advantage of the Investing in Canada Infrastructure Program COVID Stream. The grant funding will relieve significant pressures on CRR-General in coming years, as this replacement would have been phased based on criticality of units otherwise.	Scope Increase	3,223,000	(30,000)									3,193,000
636021 - Upgrade to Nurse Call System & Infrastructure	State of Good Repair	Project added to undertake upgrades to the Nurse Call System and related infrastructure. Funding will be from the Investing in Canada Infrastructure Program COVID-19 - Local Government Intake stream.	Project Added	212,300										212,300
636022 - Resident Home Area Washroom Toilets, Faucets & Required Valving	State of Good Repair	Project added to replace all Resident Home Area washroom toilets, faucets and required valving. Funding will be from the Investing in Canada Infrastructure Program COVID-19 - Local Government Intake stream.	Project Added	82,500	82,500									165,000
636024 - Replace/Reline Roofing System - Gutters	State of Good Repair	Project added to replace damaged sections of gutters and reline remaining sections of gutters as recommended from Ontario Roofing Consultants. Funding will be from the Investing in Canada Infrastructure Program COVID-19 - Local Government Intake stream.	Project Added	101,200										101,200
Total GVL - Building & Property					3,619,000	52,500								3,671,500
Total Social & Family Services					3,619,000	52,500								3,671,500



2021 - 2030 Tax Supported Capital Budget
Project Changes Over \$100,000

	State of Good Repair/New Initiative	Explanation	Change Type	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Transportation Services														
Bridges														
374026 - Balmoral Bridge Replace (985301)	State of Good Repair	Costed of project has increased as a result of required replacement rather than rehabilitation. This will have a negative impact on CRR-Roads Infrastructure.	Scope Increase										120,000	120,000
374028 - Sunny Bank Park - Bridge Rehab (000019)	State of Good Repair	Project re-prioritized due to OSIM investigations. The burden on the CRR-Roads Infrastructure reserve will be deferred as a result.	Project Shifted						(204,000)				204,000	-
374033 - Wilkins Bridge Conc 5 Walpole Rehab (010012)	State of Good Repair	Project costs have increased as a result of current estimates and detailed design. The increase will have a negative impact on CRR- Roads Infrastructure.	Scope Increase		175,000									175,000
374043 - Reicheld Bridge Conc 5 Walpole Rehab (010020)	State of Good Repair	Project costs have increased as a result of current estimates and detailed design. The increase will have a negative impact on CRR- Roads Infrastructure.	Scope Increase	110,000										110,000
374052 - Oswego Bridge Rehab (981501)	State of Good Repair	Project budget increased as a result of more soffit repairs than expected. The increase will have a negative impact on CRR-Roads Infrastructure.	Scope Increase	835,000										835,000
374053 - Townline Bridge Replacement (D00004)	State of Good Repair	Budget increased to reflect current cost estimates to include bridge rehabilitation and installation of guiderail. Increased expenditures will have a negative impact on CRR-Roads Infrastructure.	Scope Increase							439,000				439,000
Total Bridges				945,000	175,000	-	-	-	(204,000)	439,000	-	120,000	204,000	1,679,000
Caledonia Urban Paving														
376052 - Cal- Kinross - Argyle to Braemar	State of Good Repair	Project costs have increased as a result of current estimates and detailed design. The increase will have a negative impact on CRR- Roads Infrastructure.					105,600							105,600
Total Caledonia Urban Paving				-	-	-	105,600	-	-	-	-	-	-	105,600
Culverts														
374011 - Sandusk Crk Culvert Replac Walpole (030034)	State of Good Repair	Project re-prioritized due to OSIM investigations. The burden on the CRR-Roads Infrastructure reserve will be deferred as a result.	Project Shifted		(500,000)				500,000					-
374022 - Indian Line Culvert Rehab (982002)	State of Good Repair	Scope of work and pricing updated to reflect extent of work and current pricing. Re-prioritization due to OSIM investigations. While the shift will defer the impact on CRR-Roads Infrastructure, funding requirements will have a negative overall impact.	Scope Increase	(310,000)	495,000									185,000
374023 - Third Line Culvert Rehab (000072)	State of Good Repair	Scope of work and pricing updated to reflect extent of work and current pricing. Re-prioritization due to OSIM investigations. While the shift will defer the impact on CRR-Roads Infrastructure, funding requirements will have a negative overall impact.	Scope Increase	(280,000)		320,000								40,000
374036 - Conc 2 Culvert Seneca Rehab (000069)	State of Good Repair	Decrease to reflect current price increases and detailed design, resulting in a positive impact on CRR-Roads Infrastructure.	Scope Change							(225,000)				(225,000)
374027 - Townsend Parkway Culvert Replace (987404)	State of Good Repair	Project accelerated from 2030 to align with Norfolk County's plan to complete the project in 2021. While costs are less than originally planned, this project will negatively impact CRR-Roads Infrastructure in 2021.	Project Shifted	270,000									(450,000)	(180,000)
374040 - Lowbanks Culvert (970311) Rehab	State of Good Repair	Project shifted as a result of re-balancing the 10 year forecast with the program's priorities and needs. Increase to reflect current cost estimates and detailed design. While the shift will defer the impact on CRR-Roads Infrastructure, funding requirements will have a negative overall impact.	Scope Increase			(357,000)			427,000					70,000
374056 - Nanticoke Rd Culvert Replace (975501)	State of Good Repair	Project was originally planned in 2030, but re-prioritized due to OSIM investigations. The burden on the CRR-Roads Infrastructure reserve will be accelerated as a result.	Project Added							600,000				600,000
374064 - York Road Culvert (Replacement) 000039	State of Good Repair	Project was originally planned in 2030, but re-prioritized due to OSIM investigations. The burden on the CRR-Roads Infrastructure reserve will be accelerated as a result.	Project Added								450,000			450,000
374065 - Evans Creek Culvert (Replacement) 970308	State of Good Repair	Project was originally planned in 2030, but re-prioritized due to OSIM investigations. The burden on the CRR-Roads Infrastructure reserve will be accelerated as a result.	Project Added									550,000		550,000
Total Culverts				(320,000)	(5,000)	(37,000)	-	-	927,000	375,000	450,000	550,000	(450,000)	1,490,000



2021 - 2030 Tax Supported Capital Budget
Project Changes Over \$100,000

	State of Good Repair/New Initiative	Explanation	Change Type	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Hardtop Surface & Shoulder Maintenance														
331002 - Hot Mix Padding	State of Good Repair	Annual budget Increased to \$100,000 in order to meet the increasing needs of the program. 2030 enters forecast. The annual increase will have a negative impact on CRR-Roads Infrastructure.	Scope Increase	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	100,000	325,000
331004 - Crack Sealing	State of Good Repair	Annual budget increased to \$100,000 based on current cost estimates. 2030 enters the forecast. The annual increase will have a negative impact on CRR-Roads Infrastructure.	Scope Increase	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	100,000	325,000
Total Hardtop Surface & Shoulder Maintenance				50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	200,000	650,000
Hot Mix Resurfacing														
373018 - King Street West - Tracks to Concession 13	State of Good Repair	Budget increased based on detailed design and addition of curb and sidewalk replacement. OCIF funding is used to offset 47% of the funding impact, however there is still additional burden on CRR-Roads Infrastructure.	Scope Increase	160,000										160,000
373023 - Hald Rd 54 - York North Limit to McClung	State of Good Repair	Budget increased to include the repair of the end walls of 6 box culverts (less than 3 meters). The increased scope results in further burden on CRR-Roads Infrastructure.	Scope Increase			180,000								180,000
Total Hot Mix Resurfacing				160,000	-	180,000	-	-	-	-	-	-	-	340,000
Miscellaneous Construction														
375018 - Caledonia Decorative Crosswalks	New Initiative	Project shifted based on bridge replacement timing, deferring the burden on CRR-Roads Infrastructure and DCRF-Roads.	Project Shifted			(132,000)	132,000							-
375019 - Caledonia Downtown Municipal Parking Lot Paving	State of Good Repair	Project shifted based on bridge replacement timing, deferring the burden on CRR-Roads Infrastructure, DCRF-Leisure Services and DCRF-Roads.	Project Shifted			(285,000)	285,000							-
Total Miscellaneous Construction				-	-	(417,000)	417,000	-	-	-	-	-	-	-
Retaining Walls														
374029 - 240-246 Caithness St W - Retaining Wall Repl (10)	State of Good Repair	Project shifted as a result of re-balancing the 10 year forecast with the programs priorities and needs. Increase to reflect current cost estimates and detailed design. Burden on CRR-Roads Infrastructure has increased, but has also been deferred.	Scope Increase	(150,000)			170,000							20,000
Total Retaining Walls				(150,000)	-	-	170,000	-	-	-	-	-	-	20,000
Road Reconstruction														
372031 - Cay - Thorburn St S - Talbot St to Brant St	State of Good Repair	New project added for the reconstruction of Thorburn St S from Talbot St to Brant St including road repaving, curb, and sidewalk replacement. This project is coordinated with the Thorburn Village residential development. This project will increase the burden on CRR-Roads Infrastructure.	Project Added			400,000								400,000
372032 - Cal - East Edinburgh Square - Caithness to Sutherland [CIW] [R]	State of Good Repair	New project added for asphalt overlay of existing surface to coordinate with cast iron watermain replacement. There will be a negative impact on CRR-Roads Infrastructure.	Project Added	20,000	135,000									155,000
372033 - Cal - West Edinburgh Square - Caithness to Sutherland [CIW] [R]	State of Good Repair	New project added for asphalt overlay of existing surface to coordinate with cast iron watermain replacement. There will be a negative impact on CRR-Roads Infrastructure.	Project Added	20,000	135,000									155,000
372049 - Sutherland St - Argyle St to East Edinburgh Square [CIW] [R]	State of Good Repair	New project added for asphalt overlay of existing surface to coordinate with cast iron watermain replacement. There will be a negative impact on CRR-Roads Infrastructure.	Project Added	20,000	265,000									285,000
372051 - Nairne St - Caithness St - End [WW]	State of Good Repair	New project added for reconstruction of the road to coordinate with gravity sewer main upsizing that is taking place. There will be a negative impact on CRR-Roads Infrastructure.	Project Added	20,000	120,000									140,000
372052 - Future Road Reconstruction	State of Good Repair	New project added - Placeholder for future road reconstruction projects that will be coordinated with the watermain replacement program. CRR-Roads Infrastructure will be negatively impacted.	Project Added					325,000	325,000	325,000	325,000	325,000	325,000	1,950,000
Total Road Reconstruction				80,000	655,000	400,000	-	325,000	325,000	325,000	325,000	325,000	325,000	3,085,000



2021 - 2030 Tax Supported Capital Budget
Project Changes Over \$100,000

	State of Good Repair/New Initiative	Explanation	Change Type	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Roads Facilities														
322022 - Roads Operations Service Model Review and Implementation (County-Wide)	New Initiative	Project added to review and enhance Roads Operations service delivery, including new and existing Roads Yards, primarily driven by significant growth in North Caledonia. The project would be funded primarily from DCRF Public Works Buildings & Fleet and debentures.	Project Added					7,075,000						7,075,000
322015 - Walpole Yard - Roof Deck - Main Bldg, Office, Garage	State of Good Repair	Project shifted to align with overall Roads Yard strategy. The impact on CRR-General would benefit from the deferral.	Project Shifted		(129,900)			129,900						-
322021 - Dunnville - Salt Brine Production System Replacement	State of Good Repair	Project added for the supply and install of a replacement salt brine production system and construction of associated storage building as the current system has reached the end of its useful life. CRR-General will be negatively impacted.	Project Added				160,000							160,000
Total Roads Facilities					(129,900)		160,000	7,204,900						7,235,000
Surface Treatment Program														
383026 - Jarden Rd - Hwy 3 to Hald Rd 17	State of Good Repair	Project deferred due to re-prioritization in roads needs study. The impact on CRR-Roads Infrastructure is deferred as a result.	Project Shifted	(250,000)	250,000									-
383027 - Burke Rd - Rd 17 to Hwy 3	State of Good Repair	Project deferred due to re-prioritization in roads needs study. The impact on CRR-Roads Infrastructure is deferred as a result.	Project Shifted	(150,000)	150,000									-
383031 - River Road - Hwy 3 to Sutor Rd [TR]	State of Good Repair	Budget increased based on detailed design and guide rail replacement. Project has also been deferred to 2024, which aligns with coordinated projects 495023 and 725008. The additional expenditures will place additional burden on CRR-Roads Infrastructure.	Scope Increase	(1,000,000)			1,280,000							280,000
383033 - 4th Line Oneida - Hald Rd 9 to Broad Rd	State of Good Repair	Project deferred due to re-prioritization in roads needs study. The impact on the Federal Gas Tax Reserve Fund is deferred as a result.	Project Shifted			(120,000)		120,000						-
383035 - Moote Rd - Stringer Rd to Hald Rd 63	State of Good Repair	Budget shifted due to slope failure and condition of the road. Budget increased to include slope repair, guide rail and road base repair. The additional burden will negatively impact CRR-Roads Infrastructure.	Scope Increase	475,000	(300,000)									175,000
383070 - 6th Line Oneida - Oneida Rd to Hwy 6	State of Good Repair	Budget has increased based on current cost estimates. The additional burden will have a negative impact on CRR-Roads Infrastructure.	Scope Increase				150,000							150,000
383125 - Haldibrook Road - Hwy 6 to Glanaster Twl	State of Good Repair	Project accelerated to provide the county's portion of the boundary road agreement. Budget increased to reflect Haldimand County's share of the costs. These changes will negatively impact and accelerate the burden on CRR-Roads Infrastructure.	Scope Increase			300,000				(240,000)				60,000
Total Surface Treatment Program				(925,000)	100,000	180,000	1,430,000	120,000		(240,000)				665,000
Traffic Signals														
336006 - Munsee Talbot Traffic Signal Relocation	State of Good Repair	Project to relocate and replace the existing traffic signal on the northwest corner of the intersection. The existing signal light has been hit by trucks several times in recent years. CRR-Roads Infrastructure will be negatively impacted by the addition of this project.	Project Added	222,000										222,000
Total Traffic Signals				222,000										222,000
Total Transportation Services				62,000	845,100	356,000	2,332,600	7,699,900	1,098,000	949,000	825,000	1,045,000	279,000	15,491,600
Total Tax Supported Departments				3,945,920	956,420	1,065,000	14,212,800	9,819,100	1,242,600	2,691,000	1,410,550	2,829,750	4,820,800	42,993,940



Haldimand County

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2021 Capital Budget & Forecast
Net Capital Financing From Tax Rates

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
DEBT CHARGES (Existing Debt)											
- Gross debt repayments	4,680,443	4,558,022	4,439,599	4,321,205	3,901,913	3,791,515	3,683,375	3,025,629	2,091,153	1,926,702	1,713,636
- Development related debt repayments	1,014,234	991,009	968,547	946,148	775,403	757,554	740,269	539,877	430,288	416,506	339,746
- 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)	(484,880)	(483,550)	(483,550)	(483,550)	(484,880)	(483,550)	(451,180)	(415,781)	0	0	0
- Development Charges Reserve Fund	(1,014,234)	(991,009)	(968,547)	(946,148)	(775,403)	(757,554)	(740,269)	(539,877)	(430,288)	(416,506)	(339,746)
- CVF	(143,222)	(140,366)	(137,582)	(134,798)	(132,056)	(129,230)	(126,446)	(123,662)	(120,889)	(118,094)	0
Net Existing Debt Charges	4,195,563	4,074,472	3,956,049	3,837,655	3,417,033	3,307,965	3,232,195	2,609,848	2,091,153	1,926,702	1,713,636
DEBT CHARGES (Proposed Debt for Active Projects)	0	0	0	0	0	0	0	0	0	0	0
DEBT CHARGES (Proposed Debt for Development Related Active Projects)	0	0	69,190	67,580	66,011	64,370	62,770	61,160	59,570	57,950	56,340
OFFSETTING FUNDING for Development Related Active Projects	0	0	(69,190)	(67,580)	(66,011)	(64,370)	(62,770)	(61,160)	(59,570)	(57,950)	(56,340)
DEBT CHARGES (Proposed New Debt)	0	0	498,430	486,860	475,530	475,530	1,035,540	2,006,960	1,959,010	1,909,310	1,860,490
DEBT CHARGES (Proposed New Debt for Development Related Projects)	0	0	934,120	912,440	1,063,860	1,138,540	1,110,520	1,202,470	1,172,030	1,140,840	1,110,030
OFFSETTING FUNDING for New Development Related Projects	0	0	(934,120)	(912,440)	(1,063,860)	(1,138,540)	(1,110,520)	(1,202,470)	(1,172,030)	(1,140,840)	(1,110,030)
DEBT CHARGES (Proposed CVF Related Projects)	0	0	0	0	0	0	0	0	0	0	0
OFFSETTING FUNDING for Proposed CVF Related Projects	0	0	0	0	0	0	0	0	0	0	0
DEBT CHARGES SUB-TOTAL	0	0	498,430	486,860	475,530	1,035,540	1,539,750	2,006,960	1,959,010	1,909,310	1,860,490
TOTAL DEBT CHARGES	4,195,563	4,074,472	4,454,479	4,324,515	3,892,563	4,343,505	4,771,945	4,616,808	4,050,163	3,836,012	3,574,126
CAPITAL REPLACEMENT RESERVES											
- Budgeted contribution - Fleet	2,570,970	2,718,260	2,772,630	2,828,080	2,884,640	2,942,330	3,001,180	3,061,210	3,122,440	3,184,890	3,248,580
- 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	2,452,700	2,996,910	3,056,850	3,117,140	3,178,630	3,241,350	3,305,330	3,370,590	3,437,150	3,505,040	3,574,290
- Budgeted contribution - Storm Sewer	541,210	552,030	563,070	574,330	585,820	597,540	609,490	621,680	634,110	646,790	659,730
- Budgeted contribution - IT	671,400	695,503	709,413	723,603	738,073	752,833	767,893	783,253	798,923	814,903	831,203
- 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	50,435	54,250	58,145	59,305	60,495	61,705	62,935	64,195	65,475	66,785	68,125
- Budgeted contribution - Community Partnership Capital Program					150,000	150,000	150,000	150,000	150,000	150,000	150,000
Net Transfers to Capital Reserves	15,932,945	16,663,183	16,806,338	16,948,688	17,243,888	17,391,988	17,543,058	17,697,158	17,854,328	18,014,638	18,178,158
ADDITIONAL RESERVE CONTRIBUTIONS											
- addtl contrib. required for new initiative projects identified in Operating Impacts appendix for fleet, IS and General funding	54,900	153,180	153,180	153,180	153,180	153,180	153,180	153,180	153,180	153,180	153,180
- addtl contrib. to CRR - Community Halls to accommodate new information provided by Building Condition Assessments	370,000	200,000	150,000	100,000	80,000	60,000	50,000	40,000	30,000	20,000	10,000
- addtl contrib. to Library Reserve Fund to offset anticipated shortfall	0	0	0	0	0	0	0	0	0	0	0
- reallocate from CRR-Storm Sewer to CRR-General	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)
- addtl contrib to CRR - General to offset increase in number of facility related projects	410,000	320,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
- Increase/(Decrease) to various reserves, distributed based on 2% of annual contribution, with the remaining balance contributed to CRR-Roads Infrastructure	(1,264,648)	(1,014,076)	(669,238)	66,375	921,128	965,286	1,095,526	1,708,000	2,198,000	2,261,841	2,370,206
Additional Annual Contributions to Reserve	(479,748)	(390,896)	(216,058)	469,555	1,304,308	1,328,466	1,448,706	2,051,180	2,531,180	2,585,021	2,683,386
TOTAL CONTRIBUTION TO RESERVES	15,453,197	16,272,287	16,590,280	17,418,243	18,548,196	18,720,454	18,991,764	19,748,338	20,385,508	20,599,659	20,861,544
TOTAL CAPITAL-RELATED FINANCING	19,648,760	20,346,759	21,044,759	21,742,759	22,440,759	23,063,959	23,763,709	24,365,146	24,435,672	24,435,671	24,435,671
IMPACT ON TAX LEVY:											
Total Capital Related Expenditure Requirement	19,648,760	20,346,759	21,044,759	21,742,759	22,440,759	23,063,959	23,763,709	24,365,146	24,435,672	24,435,671	24,435,671
\$ Impact on Tax Levy	672,250	698,000	698,000	698,000	698,000	623,200	699,750	601,437	70,525	0	0
Estimated Levy 0.00% increase	69,823,910	69,823,910	69,823,910	69,823,910	69,823,910	69,823,910	69,823,910	69,823,910	69,823,910	69,823,910	69,823,910
% Impact on Tax Rates based Levy	1.00%	1.00%	1.00%	1.00%	1.00%	0.89%	1.00%	0.86%	0.10%	0.00%	0.00%
TOTAL CAPITAL-RELATED EXPENDITURES AS % OF TOTAL LEVY	29.23%	29.14%	30.14%	31.14%	32.14%	33.03%	34.03%	34.90%	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

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**CO-ORDINATED PROJECTS
FOR THE YEARS 2021 to 2030**

Project	Timing	TAX CAPITAL						WATER AND WASTEWATER CAPITAL				Project Total
		Roads 2020 Open Projects	Roads 10 Year Forecast	Storm 2020 Open Projects	Storm 10 Year Forecast	Other 2020 Open Projects	Other 10 Year Forecast	Water 2020 Open Projects	Water 10 Year Forecast	Wastewater 2020 Open Projects	Wastewater 10 Year Forecast	
Caledonia												
Master Servicing Plan	2020, 2026	150,000	50,000	33,600	30,000		-	50,000	50,000	50,000	50,000	463,600
Fire Station Replacement & EMS Base (including vehicles)	2021, 2022		-		-		7,088,340				-	7,088,340
Argyle Bridge Watermain and Sanitary Sewer Relocation	2020, 2021		-		-		-		60,000	250,000	-	310,000
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		150,000		-		-		200,000		-	350,000
Queen Ave - Caithness to end	2021		150,000		-		-		200,000		-	350,000
Sutherland St - Argyle St to E Edinburgh Sq	2021, 2022		285,000		-		-		215,000		370,000	870,000
East Edinburgh Sq - Caithness to Sutherland	2021, 2022		155,000		-		-		200,000		285,000	640,000
West Edinburgh Sq - Caithness to Sutherland	2021, 2022		155,000		-		-		195,000		-	350,000
Caithness St - W Edinburgh Sq to Nairne	2021, 2022		75,000		-		-		-		155,000	230,000
Nairne St - Caithness to End	2021, 2022		140,000		-		-		-		145,000	285,000
Cayuga												
Master Servicing Plan	2024, 2030		60,000		30,000		-		50,000		50,000	190,000
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
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
River Road - Hwy 3 to Sutor	2024		1,380,000		-		720,000		-		-	2,100,000

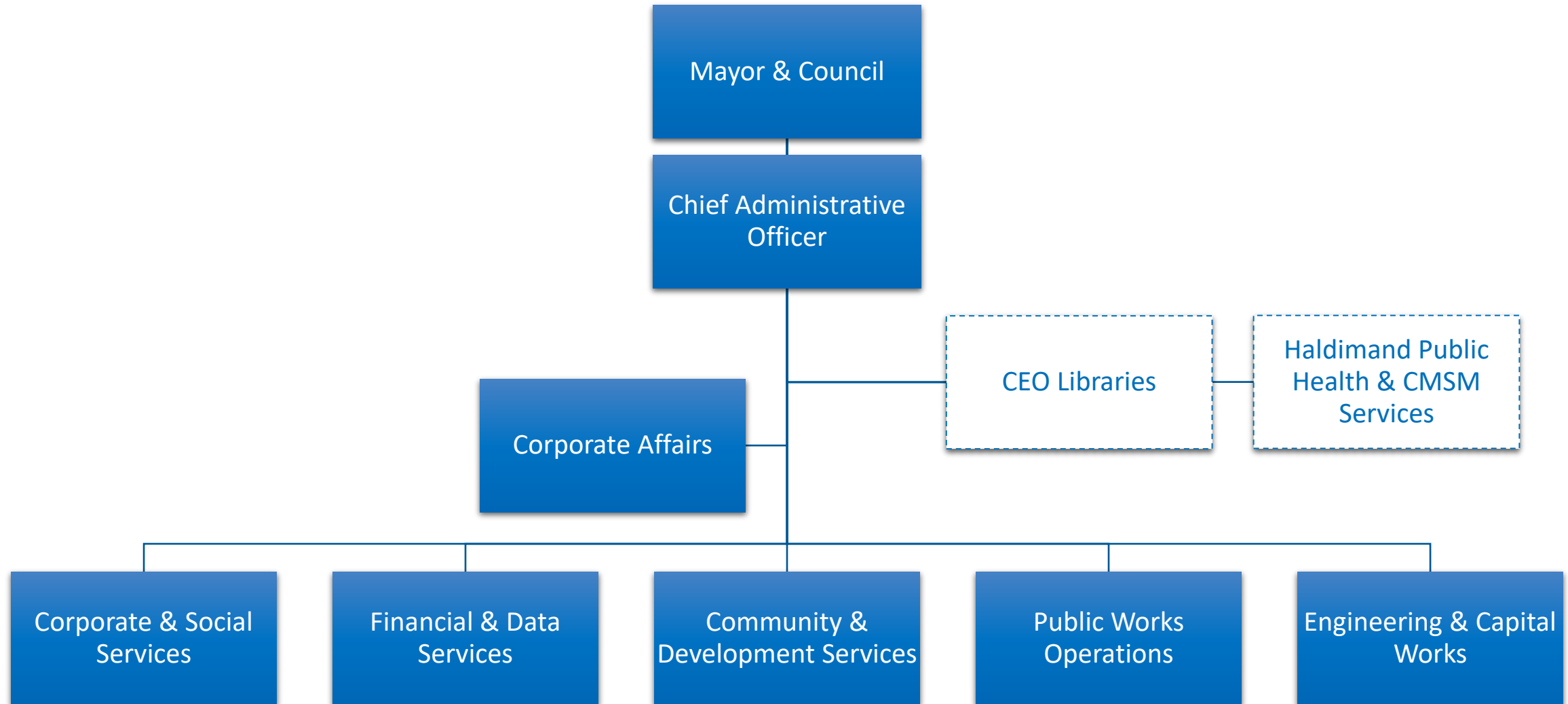


**CO-ORDINATED PROJECTS
FOR THE YEARS 2021 to 2030**

Project	Timing	TAX CAPITAL						WATER AND WASTEWATER CAPITAL				Project Total	
		Roads 2020 Open Projects	Roads 10 Year Forecast	Storm 2020 Open Projects	Storm 10 Year Forecast	Other 2020 Open Projects	Other 10 Year Forecast	Water 2020 Open Projects	Water 10 Year Forecast	Wastewater 2020 Open Projects	Wastewater 10 Year Forecast		
Dunnville													
Master Servicing Plan	2023, 2029		60,000		60,000		-		60,000		60,000	240,000	
Fire Station Replacement & EMS Base	2026		-		-		4,840,000		-		-	4,840,000	
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	
Hagersville													
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	
Hagersville Library and Active Living Centre	2024		-		-		10,325,600		-		-	10,325,600	
Jarvis													
Master Servicing Plan	2025		15,000		15,000		-		20,000		15,000	65,000	
Walpole Dr - Monson to Talbot	2024, 2026		232,500		400,000		-		293,000		-	925,500	
Lake Erie Industrial Park													
Master Servicing Plan	2021, 2027		100,000		60,000		-		100,000		100,000	360,000	
County Wide													
Asbestos Annual Inspection and Remediation	2020-2030		-		-		54,700	267,500	3,100	31,000	4,000	40,000	400,300
CCTV Inspection Program	2020-2030		-		25,000	250,000		-		-	50,000	600,000	925,000
Facility Condition Assessments	2020-2030		-		-			-	83,300	125,000	93,600	125,000	426,900
Roads Operations Service Model Review & Implementation	2025		-		-		8,515,000			-		-	8,515,000
SCADA Maintenance	2020-2030		-		-				51,100	300,000	20,500	200,000	571,600
SCADA Master Plan	2021, 2026		-		-				35,000	70,000	35,000	70,000	210,000
SCADA Technical Support	2020-2030		-		-				91,800	400,000	61,200	400,000	953,000
Total - Tax Supported Capital Departments		150,000	4,217,500	58,600	875,000	54,700	31,756,440	314,300	4,499,000	564,300	2,715,000	45,204,840	

Note - does not include prior year closed projects or prior year open projects with no impact in 2021-2030

Governance





Council & Senior Management

Haldimand County Council 2018-2022

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

Haldimand County Senior Management

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



HALDIMAND COUNTY
2021 to 2030 CAPITAL FORECAST

Department/Division:	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Tax Supported Capital Departments																	
General Government	3,871,000	4,809,320	4,339,650	3,751,800	4,589,450	2,181,600	5,718,050	6,487,250	6,104,950	7,151,700	49,004,770	(360)		(3,760,000)	(45,244,410)		(49,004,770)
Protection Services	3,910,500	473,700	356,200	332,700	352,200	3,925,700	425,700	319,700	277,700	337,700	10,711,800		(300,000)	(1,802,370)	(3,342,150)	(5,267,280)	(10,711,800)
Transportation Services	21,454,310	19,780,310	17,503,310	16,983,400	20,005,200	14,924,300	13,031,640	14,643,300	12,213,800	13,904,400	164,443,970	(41,599,590)	(1,919,960)	(11,203,230)	(105,628,190)	(4,093,000)	(164,443,970)
Environmental Services	803,000	295,550	312,500	818,000	300,500	279,000	242,550	225,000	230,000	227,000	3,733,100		(376,920)	(225,000)	(3,131,180)		(3,733,100)
Health Services	2,075,400	302,000	548,300	152,000	326,500	1,330,000	308,000	270,100	131,000	81,000	5,524,300			(889,260)	(2,144,400)	(2,490,640)	(5,524,300)
Social and Family Services	4,165,780	371,070	198,570	194,410	135,720	218,610	221,860	170,670	140,930	133,370	5,950,990	(3,874,750)			(2,076,240)		(5,950,990)
Recreation and Cultural Services	3,098,990	2,947,090	1,556,790	13,405,690	2,610,590	1,693,490	817,090	750,490	666,290	694,990	28,241,500		(1,650,340)	(6,130,830)	(16,036,400)	(4,423,930)	(28,241,500)
Planning and Development	709,300	1,092,400	806,400	781,400	690,400	556,400	671,400	603,400	456,400	545,400	6,912,900		(34,000)	(294,000)	(6,584,900)		(6,912,900)
Total	40,088,280	30,071,440	25,621,720	36,419,400	29,010,560	25,109,100	21,436,290	23,469,910	20,221,070	23,075,560	274,523,330	(45,474,700)	(4,281,220)	(24,304,690)	(184,187,870)	(16,274,850)	(274,523,330)
Funding																	
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total						
Grants/Subsidies	(9,084,640)	(4,143,990)	(5,123,530)	(3,350,180)	(3,556,320)	(3,721,350)	(4,116,160)	(4,222,190)	(4,110,520)	(4,045,820)	(45,474,700)						
General Recoveries	(386,640)	(891,470)	(294,220)	(1,487,540)	(439,120)	(187,560)	(162,950)	(163,880)	(148,320)	(119,520)	(4,281,220)						
Development Charges Reserve Funds	(7,950,580)	(1,970,820)	(1,957,520)	(6,314,890)	(4,293,360)	(1,092,380)	(279,160)	(212,660)	(124,160)	(109,160)	(24,304,690)						
Reserves/Reserve Funds	(18,810,280)	(23,065,160)	(18,246,450)	(20,842,860)	(16,628,760)	(16,206,030)	(16,878,020)	(18,871,180)	(15,838,070)	(18,801,060)	(184,187,870)						
Debenture Financing	(3,856,140)			(4,423,930)	(4,093,000)	(3,901,780)					(16,274,850)						
Total	(40,088,280)	(30,071,440)	(25,621,720)	(36,419,400)	(29,010,560)	(25,109,100)	(21,436,290)	(23,469,910)	(20,221,070)	(23,075,560)	(274,523,330)						



Haldimand County

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Haldimand
County

General Government



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: General Government Stage: Council Approval	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Emergency Management		3,700					3,700				7,400				(7,400)		(7,400)
Finance			60,000					60,000			120,000			(108,000)	(12,000)		(120,000)
Legal & Support Services	26,800	33,300	15,500	16,950	23,000	129,300	84,000	69,000	37,000	221,300	656,150				(656,150)		(656,150)
Total Corporate Management	26,800	37,000	75,500	16,950	23,000	129,300	87,700	129,000	37,000	221,300	783,550			(108,000)	(675,550)		(783,550)
Human Resources										20,500	20,500				(20,500)		(20,500)
Innovation & Technology Services	597,080	517,550	382,750	609,000	849,900	325,500	281,650	526,700	538,150	743,700	5,371,980	(360)			(5,371,620)		(5,371,980)
Total Program Support	597,080	517,550	382,750	609,000	849,900	325,500	281,650	526,700	538,150	764,200	5,392,480	(360)			(5,392,120)		(5,392,480)
Fleet & Equipment Pool	2,159,450	3,998,800	3,740,900	2,966,150	2,906,550	1,266,300	3,708,200	4,191,050	3,739,300	4,525,700	33,202,400			(3,364,000)	(29,838,400)		(33,202,400)
Kohler Fleet Garage	721,300	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	757,300			(288,000)	(469,300)		(757,300)
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)
Total Fleet and Equipment Pool	2,885,750	4,007,800	3,749,900	2,975,150	2,915,550	1,275,300	3,717,200	4,200,050	3,748,300	4,534,700	34,009,700			(3,652,000)	(30,357,700)		(34,009,700)
Dunnville Multi-Purpose Facility	190,000			19,200	509,500						718,700				(718,700)		(718,700)
General Administration Facilities	151,370	246,970	131,500	131,500	131,500	431,500	1,631,500	1,631,500	1,631,500	1,631,500	7,750,340				(7,750,340)		(7,750,340)
Haldimand County Administration Building					160,000				150,000		310,000				(310,000)		(310,000)
Total Administration Facilities	341,370	246,970	131,500	150,700	801,000	431,500	1,631,500	1,631,500	1,781,500	1,631,500	8,779,040				(8,779,040)		(8,779,040)
Facilities Capital & Asset Management	20,000					20,000					40,000				(40,000)		(40,000)
Total Facilities Capital and Asset Management	20,000					20,000					40,000				(40,000)		(40,000)
Total General Government	3,871,000	4,809,320	4,339,650	3,751,800	4,589,450	2,181,600	5,718,050	6,487,250	6,104,950	7,151,700	49,004,770	(360)		(3,760,000)	(45,244,410)		(49,004,770)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: General Government Stage: Council Approval Corporate Management	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Debture Financing	Total Financing
Emergency Management																	
Replacement/State of Good Repair																	
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)
Total Replacement/State of Good Repair		3,700					3,700				7,400				(7,400)		(7,400)
Total Emergency Management		3,700					3,700				7,400				(7,400)		(7,400)
Finance																	
New/Enhanced Service																	
133001 Development Charges Study Update			60,000					60,000			120,000			(108,000)	(12,000)		(120,000)
Total New/Enhanced Service			60,000					60,000			120,000			(108,000)	(12,000)		(120,000)
Total Finance			60,000					60,000			120,000			(108,000)	(12,000)		(120,000)
Legal & Support Services																	
Replacement/State of Good Repair																	
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	12,800	3,000	1,500	2,950	9,000	99,000	70,000	55,000	23,000	191,000	467,250				(467,250)		(467,250)
134007 Folder/Inserter Machine at HCAB		16,300				16,300				16,300	48,900				(48,900)		(48,900)
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)
Total Replacement/State of Good Repair	26,800	33,300	15,500	16,950	23,000	129,300	84,000	69,000	37,000	221,300	656,150				(656,150)		(656,150)
Total Legal & Support Services	26,800	33,300	15,500	16,950	23,000	129,300	84,000	69,000	37,000	221,300	656,150				(656,150)		(656,150)
Total Corporate Management	26,800	37,000	75,500	16,950	23,000	129,300	87,700	129,000	37,000	221,300	783,550			(108,000)	(675,550)		(783,550)



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: General Government Stage: Council Approval Program Support	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Human Resources																	
Replacement/State of Good Repair																	
135001 Fit Test Machine Replacement										20,500	20,500				(20,500)		(20,500)
Total Replacement/State of Good Repair										20,500	20,500				(20,500)		(20,500)
Total Human Resources										20,500	20,500				(20,500)		(20,500)
Innovation & Technology Services																	
Replacement/State of Good Repair																	
136001 Desktops	131,400	45,000		7,200	84,600	131,400	45,000		7,200	84,600	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	4,000	5,000	50,000	5,000	20,000	20,000	64,500	5,000	177,500				(177,500)		(177,500)
136004 UPS's (uninterrupted power supply protection)	1,000	1,000	1,000	1,000	1,000	1,000	21,000	1,000	1,000	1,000	30,000				(30,000)		(30,000)
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	5,720	78,000	5,000	78,000	5,000	78,000	5,000	78,000	5,000	78,000	415,720	(360)			(415,360)		(415,720)
136008 Multi-function Units(printers/copiers)	22,500		10,500	70,000			14,500	22,500		10,500	150,500				(150,500)		(150,500)
136015 Laptops/Rugged Laptops	2,900		2,900	40,600	5,800	2,900		2,900	40,600	5,800	104,400				(104,400)		(104,400)
136016 Portable 2-in-1s	26,700	81,200	220,400	243,600	171,100	23,200	81,200	220,400	243,600	171,100	1,482,500				(1,482,500)		(1,482,500)
136017 Dual and Ultrawide Monitors	260				8,250	27,600	34,450	2,500			73,060				(73,060)		(73,060)
136019 Operating System Software Enterprise Upgrade	74,400							74,400			148,800				(148,800)		(148,800)
136023 Telephone System - Voice over IP	5,300	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	50,300				(50,300)		(50,300)
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

2021 to 2030 CAPITAL FORECAST

FIR Category: General Government Stage: Council Approval Program Support	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Innovation & Technology Services																	
136029 Tablets	5,500			5,500	9,900		5,500			15,400	41,800				(41,800)		(41,800)
136030 LCD Projectors	1,400				2,800	1,400				2,800	8,400				(8,400)		(8,400)
Total Replacement/State of Good Repair	334,080	388,950	253,800	480,400	720,950	280,500	276,650	521,700	533,150	738,700	4,528,880	(360)			(4,528,520)		(4,528,880)
New/Enhanced Service																	
136006 Software/Applications/Development	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)
136032 Cyber Security Assessment	50,000										50,000				(50,000)		(50,000)
136033 Technology Vulnerabilities Testing	40,000					40,000					80,000				(80,000)		(80,000)
136035 Cyber Security Incident Response Plan	40,000										40,000				(40,000)		(40,000)
136036 Project Manager, Innovation & Technology Services	128,000	123,600	123,950	123,600	123,950						623,100				(623,100)		(623,100)
Total New/Enhanced Service	263,000	128,600	128,950	128,600	128,950	45,000	5,000	5,000	5,000	5,000	843,100				(843,100)		(843,100)
Total Innovation & Technology Services	597,080	517,550	382,750	609,000	849,900	325,500	281,650	526,700	538,150	743,700	5,371,980	(360)			(5,371,620)		(5,371,980)
Total Program Support	597,080	517,550	382,750	609,000	849,900	325,500	281,650	526,700	538,150	764,200	5,392,480	(360)			(5,392,120)		(5,392,480)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: General Government Stage: Council Approval		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing	
Fleet and Equipment Pool																			
Fleet & Equipment Pool																			
Replacement/State of Good Repair																			
315051	Fire Apparatus Rescue (10 Yr Forecast)						375,000	70,000	375,000			820,000				(820,000)		(820,000)	
315052	Ambulances (10 Yr Forecast)		5,000	380,000	380,000	190,000	190,000	195,000		380,000	380,000	2,100,000				(2,100,000)		(2,100,000)	
315053	Cars, Vans, Pickups (10 Yr Forecast)		451,000	453,000	235,000	194,000	237,000	167,000	381,000	331,000	358,000	2,807,000				(2,807,000)		(2,807,000)	
315054	Fire Appartus Tankers (10 Yr Forecast)		405,000	235,000	135,000	135,000	135,000	135,000			135,000	1,315,000				(1,315,000)		(1,315,000)	
315055	Fire Apparatus Equipment (10 Yr Forecast)			107,500		60,000			60,000	70,000	37,500	335,000				(335,000)		(335,000)	
315056	Ice Equipment (10 Yr Forecast)		110,000	5,000	105,000	100,000			100,000	5,000	10,000	435,000				(435,000)		(435,000)	
315057	Riding and Push Mowers (10 Yr Forecast)		190,000	191,650	20,000	95,000	550		550	115,000	80,000	692,750				(692,750)		(692,750)	
315058	Misc Equip & Tools (10 Yr Forecast)		42,050	98,750	8,200	13,550	35,350	83,600	37,350	16,400	108,800	444,050				(444,050)		(444,050)	
315059	Saws and Trimmers (10 Yr Forecast)		2,750	12,000	16,950	23,000	10,400	4,600	5,650	6,900	20,400	102,650				(102,650)		(102,650)	
315060	One Tons and Special Equipment (10 Yr Forecast)		70,000	80,000	318,000	80,000			70,000	80,000	10,000	708,000				(708,000)		(708,000)	
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)		70,000	70,000				70,000			70,000	280,000				(280,000)		(280,000)	
315063	Loaders, Tractors, Sweepers (10 Yr Forecast)		320,000	385,000		375,000	165,000	240,000	165,000	275,000		1,925,000				(1,925,000)		(1,925,000)	
315064	Trailers and Rollers (10 Yr Forecast)		10,000		75,000	20,000	50,000	10,000	16,500	20,000	10,000	211,500				(211,500)		(211,500)	
315065	Generators, Welders, Compressors (10 Yr Forecast)		33,000	3,000	3,000	6,000	68,000	3,000			6,000	122,000				(122,000)		(122,000)	
315066	Plow Trucks and Motor Graders (10 Yr Forecast)			1,020,000	680,000	175,000		630,000	2,880,000	340,000	1,900,000	7,625,000				(7,625,000)		(7,625,000)	
315100	Ambulance EMS (1)	190,000										190,000				(190,000)		(190,000)	
315101	Fuel Depot Repairs	80,000										80,000				(80,000)		(80,000)	
315102	ERU First Responder Vehicle FIRE (1)	60,000										60,000				(60,000)		(60,000)	
315103	Pick Up Truck ROADS (1)	42,000										42,000				(42,000)		(42,000)	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: General Government Stage: Council Approval												Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Debture Financing	Total Financing
Fleet and Equipment Pool																		
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030								
Fleet & Equipment Pool																		
315104 One Ton Trucks ROADS (2)	160,000											160,000			(160,000)	(160,000)		
315105 Pick Up Truck FPC (1)	65,000											65,000			(65,000)	(65,000)		
315106 Leaf Blower FPC (1)	750											750			(750)	(750)		
315107 Chain Saw FPC (1)	850											850			(850)	(850)		
315108 Pole Saw FPC (1)	1,000											1,000			(1,000)	(1,000)		
315109 String Trimmers FPC (2)	1,200											1,200			(1,200)	(1,200)		
315110 Generator WWW (1)	3,000											3,000			(3,000)	(3,000)		
315111 String Trimmer WWW (1)	600											600			(600)	(600)		
315112 Compact SUV BLDG (3)	96,000											96,000			(96,000)	(96,000)		
315113 Aerial Truck (10 Year Forecast)										1,400,000		1,400,000			(1,400,000)	(1,400,000)		
Total Replacement/State of Good Repair	700,400	2,408,800	3,740,900	2,676,150	1,466,550	1,266,300	3,708,200	4,791,050	3,739,300	4,525,700		29,023,350			(29,023,350)	(29,023,350)		
New/Enhanced Service																		
316003 Single Axle Plow/Sander - ROADS (1)				290,000								290,000			(290,000)	(290,000)		
316029 Aerial Truck - FIRE		1,400,000										1,400,000			(1,400,000)	(1,400,000)		
316030 Ambulance - EMS		190,000										190,000			(171,000)	(19,000)		
316031 First Response Vehicle - EMS	70,000											70,000			(63,000)	(7,000)		
316036 Compact SUV ENG (1)	32,000											32,000			(32,000)	(32,000)		
316038 Reversing Vehicle Cameras FIRE (5)	8,000											8,000			(8,000)	(8,000)		
316039 Brine Trailers ROADS (2)	300,000											300,000			(300,000)	(300,000)		
316040 Tandem Axle Plow/Sander ROADS (2)	680,000							(600,000)				80,000			(80,000)	(80,000)		
316041 Diamond Boom - Loader Attachment ROAD (2)	300,000											300,000			(300,000)	(300,000)		
316042 Pick Up Truck FPC (1)	42,000											42,000			(42,000)	(42,000)		

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: General Government Stage: Council Approval Fleet and Equipment Pool	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Fleet & Equipment Pool																	
316043 Single Axle Trailer WWW (1)	6,500										6,500				(6,500)		(6,500)
316044 Push Mower WWW (1)	550										550				(550)		(550)
316045 Loader Quick Coupler - ROADS (1)	20,000										20,000				(20,000)		(20,000)
316046 Single Axle Plow/Sander - ROADS (2)					580,000						580,000			(580,000)			(580,000)
316047 Street Sweeper - ROADS (1)					375,000						375,000			(375,000)			(375,000)
316048 Backhoe Loader - ROADS (1)					165,000						165,000			(165,000)			(165,000)
316049 One Ton Pickup Trucks ROADS (4)					320,000						320,000			(320,000)			(320,000)
Total New/Enhanced Service	1,459,050	1,590,000		290,000	1,440,000			(600,000)			4,179,050			(3,364,000)	(815,050)		(4,179,050)
Total Fleet & Equipment Pool	2,159,450	3,998,800	3,740,900	2,966,150	2,906,550	1,266,300	3,708,200	4,191,050	3,739,300	4,525,700	33,202,400			(3,364,000)	(29,838,400)		(33,202,400)
Kohler Fleet Garage																	
Replacement/State of Good Repair																	
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)
Total Replacement/State of Good Repair	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)
New/Enhanced Service																	
318003 Kohler Facility - Roof, Storage Addition, Office & Shop Renovation	717,300										717,300			(288,000)	(429,300)		(717,300)
Total New/Enhanced Service	717,300										717,300			(288,000)	(429,300)		(717,300)
Total Kohler Fleet Garage	721,300	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	757,300			(288,000)	(469,300)		(757,300)
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)
Total Replacement/State of Good Repair	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	50,000				(50,000)		(50,000)
Total 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)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: General Government Stage: Council Approval Fleet and Equipment Pool	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Total Fleet and Equipment Pool	2,885,750	4,007,800	3,749,900	2,975,150	2,915,550	1,275,300	3,717,200	4,200,050	3,748,300	4,534,700	34,009,700			(3,652,000)	(30,357,700)		(34,009,700)



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: General Government Stage: Council Approval Administration Facilities	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Dunnville Multi-Purpose Facility																	
Replacement/State of Good Repair																	
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)
174015 DMPF - Roof Replacement					509,500						509,500				(509,500)		(509,500)
Total Replacement/State of Good Repair	190,000			19,200	509,500						718,700				(718,700)		(718,700)
Total Dunnville Multi-Purpose Facility	190,000			19,200	509,500						718,700				(718,700)		(718,700)
General Administration Facilities																	
Replacement/State of Good Repair																	
171002 FAC ADMIN - Asbestos Management Program	9,500	9,500	9,500	9,500	9,500	9,500	9,500	9,500	9,500	9,500	95,000				(95,000)		(95,000)
171005 FAC ADMIN - Roof Maintenance & Repair	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	20,000				(20,000)		(20,000)
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 - Moulton Communication Tower Replacement						300,000					300,000				(300,000)		(300,000)
171017 FCA Capital Projects							1,500,000	1,500,000	1,500,000	1,500,000	6,000,000				(6,000,000)		(6,000,000)
Total Replacement/State of Good Repair	31,500	31,500	31,500	31,500	31,500	331,500	1,531,500	1,531,500	1,531,500	1,531,500	6,615,000				(6,615,000)		(6,615,000)
New/Enhanced Service																	
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	100,000	900,000				(900,000)		(900,000)
171020 Project Manager, Caledonia EMS Station	119,870	115,470									235,340				(235,340)		(235,340)
Total New/Enhanced Service	119,870	215,470	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,135,340				(1,135,340)		(1,135,340)
Total General Administration Facilities	151,370	246,970	131,500	131,500	131,500	431,500	1,631,500	1,631,500	1,631,500	1,631,500	7,750,340				(7,750,340)		(7,750,340)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: General Government Stage: Council Approval	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Administration Facilities																	
Haldimand County Administration Building																	
Replacement/State of Good Repair																	
171012 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)
Total Replacement/State of Good Repair					160,000				150,000		310,000				(310,000)		(310,000)
Total Haldimand County Administration Building					160,000				150,000		310,000				(310,000)		(310,000)
Total Administration Facilities	341,370	246,970	131,500	150,700	801,000	431,500	1,631,500	1,631,500	1,781,500	1,631,500	8,779,040				(8,779,040)		(8,779,040)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: General Government Stage: Council Approval											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Facilities Capital and Asset Management																	
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030							
Facilities Capital & Asset Management																	
Replacement/State of Good Repair																	
171015 Energy Conservation and Demand Management Plan	20,000					20,000					40,000				(40,000)	(40,000)	
Total Replacement/State of Good Repair	20,000					20,000					40,000				(40,000)	(40,000)	
Total Facilities Capital & Asset Management	20,000					20,000					40,000				(40,000)	(40,000)	
Total Facilities Capital and Asset Management	20,000					20,000					40,000				(40,000)	(40,000)	

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



Haldimand
County

Protection Services



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Protection Services Stage: Council Approval	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debuture Financing	Total Financing
Caledonia Fire Hall Station #1	3,470,100				58,000						3,528,100			(829,100)	(73,500)	(2,625,500)	(3,528,100)
Canborough Fire Hall Station #6	10,500	40,000	11,000								61,500				(61,500)		(61,500)
Canfield Fire Hall Station #5	5,000										5,000				(5,000)		(5,000)
Cayuga Fire Hall Station #4			58,000								58,000				(58,000)		(58,000)
Dunnville Fire Hall Station #9		11,000		58,000		3,575,000					3,644,000			(928,220)	(74,000)	(2,641,780)	(3,644,000)
Fire General Administration	357,700	294,700	287,200	274,700	294,200	292,700	367,700	319,700	277,700	337,700	3,104,000		(300,000)	(45,050)	(2,758,950)		(3,104,000)
Fisherville Fire Hall Station #12		10,000									10,000				(10,000)		(10,000)
Hagersville Fire Hall Station #2							58,000				58,000				(58,000)		(58,000)
Jarvis Fire Hall Station #3		118,000									118,000				(118,000)		(118,000)
Lowbanks Fire Hall Station #7	29,500										29,500				(29,500)		(29,500)
Selkirk Fire Hall Station #13	25,000					58,000					83,000				(83,000)		(83,000)
Total Fire	3,897,800	473,700	356,200	332,700	352,200	3,925,700	425,700	319,700	277,700	337,700	10,699,100		(300,000)	(1,802,370)	(3,329,450)	(5,267,280)	(10,699,100)
Plans Examination & Inspection	12,700										12,700				(12,700)		(12,700)
Total Building Permit and Inspection Services	12,700										12,700				(12,700)		(12,700)
Total Protection Services	3,910,500	473,700	356,200	332,700	352,200	3,925,700	425,700	319,700	277,700	337,700	10,711,800		(300,000)	(1,802,370)	(3,342,150)	(5,267,280)	(10,711,800)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Protection Services Stage: Council Approval Fire	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Caledonia Fire Hall Station #1																	
Replacement/State of Good Repair																	
222001 Caledonia Fire Station Replacement	3,459,600										3,459,600			(829,100)	(5,000)	(2,625,500)	(3,459,600)
Total Replacement/State of Good Repair	3,459,600										3,459,600			(829,100)	(5,000)	(2,625,500)	(3,459,600)
New/Enhanced Service																	
222003 Auto Extrication Strut Stabilization Equip	10,500										10,500				(10,500)		(10,500)
222004 Auto Extrication Electric Spreaders					22,000						22,000				(22,000)		(22,000)
222005 Auto Extrication Electric Cutter					21,000						21,000				(21,000)		(21,000)
222006 Auto Extrication Electric Ram					15,000						15,000				(15,000)		(15,000)
Total New/Enhanced Service	10,500				58,000						68,500				(68,500)		(68,500)
Total Caledonia Fire Hall Station #1	3,470,100				58,000						3,528,100			(829,100)	(73,500)	(2,625,500)	(3,528,100)
Canborough Fire Hall Station #6																	
Replacement/State of Good Repair																	
234006 Parking Lot Replacement		40,000									40,000				(40,000)		(40,000)
Total Replacement/State of Good Repair		40,000									40,000				(40,000)		(40,000)
New/Enhanced Service																	
234007 Auto Extrication Mini-Spreader	5,500										5,500				(5,500)		(5,500)
234008 Auto Extrication Mini-cutter	5,000										5,000				(5,000)		(5,000)
234009 Auto Extrication Strut Stabilization Equipment				11,000							11,000				(11,000)		(11,000)
Total New/Enhanced Service	10,500			11,000							21,500				(21,500)		(21,500)
Total Canborough Fire Hall Station #6	10,500	40,000	11,000								61,500				(61,500)		(61,500)
Canfield Fire Hall Station #5																	
New/Enhanced Service																	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Protection Services Stage: Council Approval Fire	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Debture Financing	Total Financing
Canfield Fire Hall Station #5																	
227004 Auto Extrication Mini-cutter	5,000										5,000				(5,000)		(5,000)
Total New/Enhanced Service	5,000										5,000				(5,000)		(5,000)
Total Canfield Fire Hall Station #5	5,000										5,000				(5,000)		(5,000)
Cayuga Fire Hall Station #4																	
New/Enhanced Service																	
225005 Auto Extrication Electric Spreaders			22,000								22,000				(22,000)		(22,000)
225006 Auto Extrication Electric Cutter			21,000								21,000				(21,000)		(21,000)
225007 Auto Extrication Electric Ram			15,000								15,000				(15,000)		(15,000)
Total New/Enhanced Service			58,000								58,000				(58,000)		(58,000)
Total Cayuga Fire Hall Station #4			58,000								58,000				(58,000)		(58,000)
Dunnville Fire Hall Station #9																	
Replacement/State of Good Repair																	
226007 Dunnville Fire Station Replacement						3,575,000					3,575,000			(928,220)	(5,000)	(2,641,780)	(3,575,000)
226008 Auto Extrication Strut Stabilization Equipment		11,000									11,000				(11,000)		(11,000)
Total Replacement/State of Good Repair		11,000				3,575,000					3,586,000			(928,220)	(16,000)	(2,641,780)	(3,586,000)
New/Enhanced Service																	
226004 Auto Extrication Electric Spreaders				22,000							22,000				(22,000)		(22,000)
226005 Auto Extrication Electric Cutter				21,000							21,000				(21,000)		(21,000)
226006 Auto Extrication Electric Ram				15,000							15,000				(15,000)		(15,000)
Total New/Enhanced Service				58,000							58,000				(58,000)		(58,000)
Total Dunnville Fire Hall Station #9		11,000		58,000		3,575,000					3,644,000			(928,220)	(74,000)	(2,641,780)	(3,644,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Protection Services Stage: Council Approval Fire	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Fire General Administration																	
Replacement/State of Good Repair																	
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	75,000	75,000	75,000	75,000	75,000	60,000	60,000	60,000	60,000	60,000	675,000				(675,000)		(675,000)
221004 Firefighting Tools	10,000	10,000	10,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	135,000			(45,050)	(89,950)		(135,000)
221005 Hose	10,000	10,000	10,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	135,000				(135,000)		(135,000)
221006 Pagers/Portable Radios- Com'n Equip't	44,700	44,700	44,700	34,700	34,700	34,700	34,700	34,700	34,700	34,700	377,000				(377,000)		(377,000)
221007 SCBA Equipment	98,000	98,000	92,500	85,000	92,500	98,000	98,000	98,000	98,000	98,000	956,000				(956,000)		(956,000)
221010 Water and Ice Rescue Suit Replacements	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)
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										25,000	25,000				(25,000)		(25,000)
221019 Communication System Upgrades	30,000										30,000				(30,000)		(30,000)
221020 General Admin Office Repairs	15,000										15,000				(15,000)		(15,000)
221021 Building Condition Assessments (BCA) - Fire Halls	20,000					20,000					40,000				(40,000)		(40,000)
Total Replacement/State of Good Repair	327,700	264,700	257,200	244,700	264,200	262,700	337,700	289,700	247,700	267,700	2,764,000			(45,050)	(2,718,950)		(2,764,000)
New/Enhanced Service																	
221008 Purchases by Associations	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	300,000		(300,000)				(300,000)
221018 Firefighting Particulate Hoods										40,000	40,000				(40,000)		(40,000)
Total New/Enhanced Service	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	70,000	340,000		(300,000)		(40,000)		(340,000)
Total Fire General Administration	357,700	294,700	287,200	274,700	294,200	292,700	367,700	319,700	277,700	337,700	3,104,000		(300,000)	(45,050)	(2,758,950)		(3,104,000)

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



HALDIMAND COUNTY
2021 to 2030 CAPITAL FORECAST

FIR Category: Protection Services Stage: Council Approval Fire											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
2021	2022	2023	2024	2025	2026	2027	2028	2029	2030								
Fisherville Fire Hall Station #12																	
Replacement/State of Good Repair																	
233006	Furnace Replacement	10,000									10,000				(10,000)	(10,000)	
Total Replacement/State of Good Repair		10,000									10,000				(10,000)	(10,000)	
Total Fisherville Fire Hall Station #12		10,000									10,000				(10,000)	(10,000)	
Hagersville Fire Hall Station #2																	
New/Enhanced Service																	
223004	Auto Extrication Electric Spreaders					22,000					22,000				(22,000)	(22,000)	
223005	Auto Extrication Electric Cutter					21,000					21,000				(21,000)	(21,000)	
223006	Auto Extrication Electric Ram					15,000					15,000				(15,000)	(15,000)	
Total New/Enhanced Service						58,000					58,000				(58,000)	(58,000)	
Total Hagersville Fire Hall Station #2						58,000					58,000				(58,000)	(58,000)	
Jarvis Fire Hall Station #3																	
Replacement/State of Good Repair																	
224006	Parking Lot Replacement/Expansion	60,000									60,000				(60,000)	(60,000)	
Total Replacement/State of Good Repair		60,000									60,000				(60,000)	(60,000)	
New/Enhanced Service																	
224007	Auto Extrication Electric Spreaders	22,000									22,000				(22,000)	(22,000)	
224008	Auto Extrication Electric Cutters	21,000									21,000				(21,000)	(21,000)	
224009	Auto Extrication Electric Ram	15,000									15,000				(15,000)	(15,000)	
Total New/Enhanced Service		58,000									58,000				(58,000)	(58,000)	
Total Jarvis Fire Hall Station #3		118,000									118,000				(118,000)	(118,000)	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Protection Services Stage: Council Approval Fire	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Lowbanks Fire Hall Station #7																	
New/Enhanced Service																	
229004 Auto Extrication Airbags	8,500										8,500				(8,500)		(8,500)
229005 Auto Extrication Stabilization Struts	10,500										10,500				(10,500)		(10,500)
229006 Auto Extrication Mini-Spreader	5,500										5,500				(5,500)		(5,500)
229007 Auto Extrication Mini-Cutter	5,000										5,000				(5,000)		(5,000)
Total New/Enhanced Service	29,500										29,500				(29,500)		(29,500)
Total Lowbanks Fire Hall Station #7	29,500										29,500				(29,500)		(29,500)
Selkirk Fire Hall Station #13																	
Replacement/State of Good Repair																	
228012 Roof Replacement	25,000										25,000				(25,000)		(25,000)
Total Replacement/State of Good Repair	25,000										25,000				(25,000)		(25,000)
New/Enhanced Service																	
228009 Auto Extrication Electric Spreaders						22,000					22,000				(22,000)		(22,000)
228010 Auto Extrication Electric Cutter						21,000					21,000				(21,000)		(21,000)
228011 Auto Extrication Electric Ram						15,000					15,000				(15,000)		(15,000)
Total New/Enhanced Service						58,000					58,000				(58,000)		(58,000)
Total Selkirk Fire Hall Station #13	25,000					58,000					83,000				(83,000)		(83,000)
Total Fire	3,897,800	473,700	356,200	332,700	352,200	3,925,700	425,700	319,700	277,700	337,700	10,699,100		(300,000)	(1,802,370)	(3,329,450)	(5,267,280)	(10,699,100)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Protection Services Stage: Council Approval											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Building Permit and Inspection Services																	
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030							
Plans Examination & Inspection																	
New/Enhanced Service																	
291006 Mobile Technology Vehicle Mounts	5,200										5,200				(5,200)	(5,200)	
291008 Scanner for Electronic Application Submission	7,500										7,500				(7,500)	(7,500)	
Total New/Enhanced Service	12,700										12,700				(12,700)	(12,700)	
Total Plans Examination & Inspection	12,700										12,700				(12,700)	(12,700)	
Total Building Permit and Inspection Services	12,700										12,700				(12,700)	(12,700)	

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



Haldimand
County

Transportation Services



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Roads Facilities	234,000	129,000	44,000	270,300	7,248,900	84,000	44,000	347,400	44,000	44,000	8,489,600			(2,572,000)	(1,824,600)	(4,093,000)	(8,489,600)
Total Roads Facilities	234,000	129,000	44,000	270,300	7,248,900	84,000	44,000	347,400	44,000	44,000	8,489,600			(2,572,000)	(1,824,600)	(4,093,000)	(8,489,600)
Road Reconstruction	6,520,000	1,330,000	1,460,000		325,000	325,000	325,000	325,000	325,000	325,000	11,260,000			(5,900,000)	(5,360,000)		(11,260,000)
Total Road Reconstruction	6,520,000	1,330,000	1,460,000		325,000	325,000	325,000	325,000	325,000	325,000	11,260,000			(5,900,000)	(5,360,000)		(11,260,000)
Hot Mix Resurfacing	4,587,000	3,917,000	3,765,000	4,750,000	3,819,000	4,430,000	3,935,000	3,910,000	2,800,000	3,400,000	39,313,000	(21,773,410)			(17,539,590)		(39,313,000)
Total Hot Mix Resurfacing	4,587,000	3,917,000	3,765,000	4,750,000	3,819,000	4,430,000	3,935,000	3,910,000	2,800,000	3,400,000	39,313,000	(21,773,410)			(17,539,590)		(39,313,000)
Bridges	2,386,000	2,625,000	3,260,000	2,420,000	2,310,000	1,631,000	1,520,000	2,585,000	1,880,000	204,000	20,821,000	(6,006,630)		(1,340,000)	(13,474,370)		(20,821,000)
Culverts	270,000	952,000	320,000			1,142,000	1,595,000	450,000	1,000,000	1,635,000	7,364,000	(11,630)			(7,352,370)		(7,364,000)
Retaining Walls	27,000	470,000	170,000	170,000							837,000				(837,000)		(837,000)
Structure Inspections and Engineering	360,000	321,000	386,000	330,000	386,000	321,000	394,000	321,000	386,000	314,000	3,519,000				(3,519,000)		(3,519,000)
Total Structure Projects	3,043,000	4,368,000	4,136,000	2,920,000	2,696,000	3,094,000	3,509,000	3,356,000	3,266,000	2,153,000	32,541,000	(6,018,260)		(1,340,000)	(25,182,740)		(32,541,000)
Caledonia Urban Paving	945,000	2,030,000		2,466,000	1,337,600	2,787,500	755,800	894,100		2,111,000	13,327,000				(13,327,000)		(13,327,000)
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		15,000				76,400		1,165,200	199,200		1,455,800				(1,455,800)		(1,455,800)
Dunnville Urban Paving			1,440,000						576,600	864,000	2,880,600				(2,880,600)		(2,880,600)
Hagersville Urban Paving	26,000										26,000				(26,000)		(26,000)
Jarvis Urban Paving				138,000						381,000	519,000				(519,000)		(519,000)
Lowbanks Urban Paving									171,600		171,600				(171,600)		(171,600)
Peacock Point Urban Paving							14,300		261,800		276,100				(276,100)		(276,100)
Port Maitland Urban Paving										452,100	452,100				(452,100)		(452,100)
Springvale Urban Paving								168,200			168,200				(168,200)		(168,200)
York Urban Paving							633,440				633,440				(633,440)		(633,440)
Total Urban Paving Programs	971,000	2,045,000	1,440,000	2,604,000	1,337,600	2,863,900	1,403,540	2,429,700	1,209,200	3,808,100	20,112,040				(20,112,040)		(20,112,040)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Debt Financing	Total Financing
Miscellaneous Paving									168,300		168,300				(168,300)		(168,300)
Total Miscellaneous Paving									168,300		168,300				(168,300)		(168,300)
Surface Treatment Program	855,000	2,790,000	2,710,000	4,380,000	2,800,000	3,020,000	2,740,000	3,200,000	3,290,000	3,177,000	28,962,000	(9,042,000)	(500,000)		(19,420,000)		(28,962,000)
Total Surface Treatment Program	855,000	2,790,000	2,710,000	4,380,000	2,800,000	3,020,000	2,740,000	3,200,000	3,290,000	3,177,000	28,962,000	(9,042,000)	(500,000)		(19,420,000)		(28,962,000)
Gravel Road Conversion Program	3,790,210	3,810,910	2,674,510	565,600	365,400						11,206,630	(3,932,250)	(22,350)	(752,730)	(6,499,300)		(11,206,630)
Total Gravel Road Conversion Program	3,790,210	3,810,910	2,674,510	565,600	365,400						11,206,630	(3,932,250)	(22,350)	(752,730)	(6,499,300)		(11,206,630)
Municipal Drain Maintenance	168,100	442,700	382,000	286,500	263,300	282,400	265,100	285,200	246,300	207,300	2,828,900	(833,670)	(1,111,560)		(883,670)		(2,828,900)
Municipal Drains Construction	75,000	157,700	101,800								334,500		(286,050)		(48,450)		(334,500)
Total Municipal Drains	243,100	600,400	483,800	286,500	263,300	282,400	265,100	285,200	246,300	207,300	3,163,400	(833,670)	(1,397,610)		(932,120)		(3,163,400)
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	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000				(3,000,000)		(3,000,000)
Miscellaneous Construction	124,000	35,000	35,000	452,000	35,000	35,000	35,000	35,000	35,000	35,000	856,000			(293,500)	(562,500)		(856,000)
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	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)
Technical Studies	175,000	80,000	80,000	80,000	440,000	100,000	100,000	80,000	155,000	80,000	1,370,000			(345,000)	(1,025,000)		(1,370,000)
Traffic Signals	237,000					15,000					252,000				(252,000)		(252,000)
Total Other Roadwork	1,211,000	790,000	790,000	1,207,000	1,150,000	825,000	810,000	790,000	865,000	790,000	9,228,000			(638,500)	(8,589,500)		(9,228,000)
Total Transportation Services	21,454,310	19,780,310	17,503,310	16,983,400	20,005,200	14,924,300	13,031,640	14,643,300	12,213,800	13,904,400	164,443,970	(41,599,590)	(1,919,960)	(11,203,230)	(105,628,190)	(4,093,000)	(164,443,970)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Roads Facilities	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Roads Facilities																	
Replacement/State of Good Repair																	
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	40,000				(40,000)		(40,000)
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	400,000				(400,000)		(400,000)
322005 Building Condition Assessments (BCA) - Roads Yards	40,000					40,000					80,000			(40,000)	(40,000)		(80,000)
322012 Dunnville - Roof Repl Sand Storage Facility	75,000										75,000				(75,000)		(75,000)
322014 Dunnville - Salt Dome Fabric Replacement		85,000									85,000				(85,000)		(85,000)
322015 Walpole Yard - Roof Deck - Main Bldg, Office, Garage					129,900						129,900				(129,900)		(129,900)
322016 Dunnville Roads Yard - Roof Deck - Office Flat Roof				66,300							66,300				(66,300)		(66,300)
322017 Dunnville Roads Yard - Sloped Roof Deck - Main Building Garage								303,400			303,400				(303,400)		(303,400)
322018 Walpole - Fence and Gate	75,000										75,000				(75,000)		(75,000)
322021 Dunnville - Salt Brine Production System Replacement				160,000							160,000				(160,000)		(160,000)
Total Replacement/State of Good Repair	234,000	129,000	44,000	270,300	173,900	84,000	44,000	347,400	44,000	44,000	1,414,600			(40,000)	(1,374,600)		(1,414,600)
New/Enhanced Service																	
322022 Roads Operations Service Model Review & Implementation (County-Wide)					7,075,000						7,075,000			(2,532,000)	(450,000)	(4,093,000)	(7,075,000)
Total New/Enhanced Service					7,075,000						7,075,000			(2,532,000)	(450,000)	(4,093,000)	(7,075,000)
Total Roads Facilities	234,000	129,000	44,000	270,300	7,248,900	84,000	44,000	347,400	44,000	44,000	8,489,600			(2,572,000)	(1,824,600)	(4,093,000)	(8,489,600)
Total Roads Facilities	234,000	129,000	44,000	270,300	7,248,900	84,000	44,000	347,400	44,000	44,000	8,489,600			(2,572,000)	(1,824,600)	(4,093,000)	(8,489,600)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
Road Reconstruction																			
Replacement/State of Good Repair																			
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)	
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)	
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)	
372030	Cay-Thorburn St S-Brant St to Joseph St			750,000								750,000				(750,000)		(750,000)	
372031	Cay - Thorburn St S - Talbot St to Brant St			400,000								400,000				(400,000)		(400,000)	
372032	Cal - East Edinburgh Square - Caithness to Sutherland [CIW] [R]	20,000	135,000									155,000				(155,000)		(155,000)	
372033	Cal - West Edinburgh Square - Caithness to Sutherland [CIW] [R]	20,000	135,000									155,000				(155,000)		(155,000)	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
Road Reconstruction																			
Road Reconstruction																			
372049	Sutherland St - Argyle St to East Edinburgh Square [CIW] [R]	20,000	265,000									285,000				(285,000)		(285,000)	
372050	Caithness St - West Edinburgh Square to Nairne St	20,000	55,000									75,000				(75,000)		(75,000)	
372051	Nairne St - Caithness St - End [WW]	20,000	120,000									140,000				(140,000)		(140,000)	
372052	Future Road Reconstruction					325,000	325,000	325,000	325,000	325,000	325,000	1,950,000				(1,950,000)		(1,950,000)	
Total Replacement/State of Good Repair		620,000	1,330,000	1,460,000		325,000	325,000	325,000	325,000	325,000	325,000	5,360,000				(5,360,000)		(5,360,000)	
New/Enhanced Service																			
372007	Caledonia Arterial Road	5,900,000										5,900,000			(5,900,000)			(5,900,000)	
Total New/Enhanced Service		5,900,000										5,900,000			(5,900,000)			(5,900,000)	
Total Road Reconstruction		6,520,000	1,330,000	1,460,000		325,000	325,000	325,000	325,000	325,000	325,000	11,260,000			(5,900,000)	(5,360,000)		(11,260,000)	
Total Road Reconstruction		6,520,000	1,330,000	1,460,000		325,000	325,000	325,000	325,000	325,000	325,000	11,260,000			(5,900,000)	(5,360,000)		(11,260,000)	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
Stage: Council Approval																			
Hot Mix Resurfacing																			
Hot Mix Resurfacing																			
Replacement/State of Good Repair																			
373017	Hald Rd 20 - Kohler Rd to Hald/Dunn Townline	3,987,000										3,987,000	(3,987,000)						(3,987,000)
373018	King Street West - Tracks to Concession 13	600,000										600,000	(75,000)			(525,000)		(600,000)	
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			1,430,000								1,430,000	(1,430,000)					(1,430,000)	
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	(116,630)			(908,370)		(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	(406,630)			(493,370)		(900,000)	
373033	Caistorville Rd - Hald/Dunn Townline to Niagara					774,000						774,000				(774,000)		(774,000)	
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)	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
Hot Mix Resurfacing																			
Hot Mix Resurfacing																			
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	(61,630)			(993,370)			(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	(86,630)			(798,370)			(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	(2,636,630)			(63,370)			(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	(756,630)			(418,370)			(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)
373052	Kohler Road - Hald 20 - Hwy#3										1,335,000	1,335,000	(571,630)			(763,370)			(1,335,000)
373054	Hald Rd 9 Clanbrassil to Hald Hwy 54										2,065,000	2,065,000	(2,065,000)						(2,065,000)
Total Replacement/State of Good Repair		4,587,000	3,917,000	3,765,000	4,750,000	3,819,000	4,430,000	3,935,000	3,910,000	2,800,000	3,400,000	39,313,000	(21,773,410)			(17,539,590)			(39,313,000)
Total Hot Mix Resurfacing		4,587,000	3,917,000	3,765,000	4,750,000	3,819,000	4,430,000	3,935,000	3,910,000	2,800,000	3,400,000	39,313,000	(21,773,410)			(17,539,590)			(39,313,000)
Total Hot Mix Resurfacing		4,587,000	3,917,000	3,765,000	4,750,000	3,819,000	4,430,000	3,935,000	3,910,000	2,800,000	3,400,000	39,313,000	(21,773,410)			(17,539,590)			(39,313,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Structure Projects		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
Bridges																			
Replacement/State of Good Repair																			
374021	County Hwy 54 Bridge removal (985401)								1,000,000			1,000,000				(1,000,000)		(1,000,000)	
374025	Townline Bridge Replacement (D00005)		1,700,000									1,700,000	(1,700,000)					(1,700,000)	
374026	Balmoral Bridge Replace (985301)									1,880,000		1,880,000	(1,880,000)					(1,880,000)	
374028	Sunny Bank Park - Bridge Rehab (000019)										204,000	204,000				(204,000)		(204,000)	
374033	Wilkins Bridge Conc 5 Walpole Rehab (010012)		925,000									925,000	(925,000)					(925,000)	
374035	Conc 6 Bridge, Walpole Replacement (010076)					445,000						445,000				(445,000)		(445,000)	
374039	Lot 18/19 Conc 3 Walpole 010008 Rehab			845,000								845,000				(845,000)		(845,000)	
374041	Boston Creek Bridge (980905) Rehab					1,165,000						1,165,000	(1,165,000)					(1,165,000)	
374043	Reicheld Bridge Conc 5 Walpole Rehab (010020)	886,000										886,000				(886,000)		(886,000)	
374044	Cheapside Bridge Rehab (010004)						550,000					550,000				(550,000)		(550,000)	
374045	Indiana Road Bridge Rehab (000033)				460,000							460,000				(460,000)		(460,000)	
374046	River Rd Bridge N - Cayuga Rehab (000017)			570,000								570,000				(570,000)		(570,000)	
374047	Moote Road Bridge Rehab (D00003)				700,000							700,000				(700,000)		(700,000)	
374048	County Road 29 Bridge Rehab (982901)					700,000						700,000				(700,000)		(700,000)	
374051	Peart Bridge - River Rd Rehab (000032)				1,260,000							1,260,000	(336,630)			(923,370)		(1,260,000)	
374052	Oswego Bridge Rehab (981501)	1,500,000										1,500,000				(1,500,000)		(1,500,000)	
374053	Townline Bridge Replacement (D00004)							760,000				760,000				(760,000)		(760,000)	
374054	Hart Rd Bridge Rehab (D00002)					306,000						306,000				(306,000)		(306,000)	
374055	Townline Bridge N - Cay/Sen Replac (000023)							760,000				760,000				(760,000)		(760,000)	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Structure Projects	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Bridges																	
374058 Montague Bridge Rehab (010024)			505,000								505,000				(505,000)		(505,000)
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								970,000			970,000				(970,000)		(970,000)
Total Replacement/State of Good Repair	2,386,000	2,625,000	1,920,000	2,420,000	2,310,000	1,631,000	1,520,000	2,585,000	1,880,000	204,000	19,481,000	(6,006,630)			(13,474,370)		(19,481,000)
New/Enhanced Service																	
374037 Cal-Argyle St Bridge Replacement (MTO)			1,340,000								1,340,000			(1,340,000)			(1,340,000)
Total New/Enhanced Service			1,340,000								1,340,000			(1,340,000)			(1,340,000)
Total Bridges	2,386,000	2,625,000	3,260,000	2,420,000	2,310,000	1,631,000	1,520,000	2,585,000	1,880,000	204,000	20,821,000	(6,006,630)		(1,340,000)	(13,474,370)		(20,821,000)
Culverts																	
Replacement/State of Good Repair																	
374011 Sandusk Crk Culvert Replac Walpole (030034)						500,000					500,000				(500,000)		(500,000)
374019 Hart Rd Drain Replacement (D00005C)		457,000									457,000				(457,000)		(457,000)
374022 Indian Line Culvert Rehab (982002)		495,000									495,000	(11,630)			(483,370)		(495,000)
374023 Third Line Culvert Rehab (000072)			320,000								320,000				(320,000)		(320,000)
374027 Townsend Parkway Culvert Replace (987404)	270,000										270,000				(270,000)		(270,000)
374036 Conc 2 Culvert Seneca Rehab (000069)							325,000				325,000				(325,000)		(325,000)
374038 Nanticoke Rd Culvert Replace (975503)										555,000	555,000				(555,000)		(555,000)
374040 Lowbanks Culvert (970311) Rehab						427,000					427,000				(427,000)		(427,000)
374049 Haldimand Rd 56 Culvert Rehab (975604)							170,000				170,000				(170,000)		(170,000)
374050 Haldimand Rd 56 Culvert Rehab (975605)									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

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Structure Projects	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Culverts																	
374056 Nanticoke Rd Culvert Replace (975501)						600,000					600,000				(600,000)		(600,000)
374060 Mud Street Culvert Replacement (980907)						500,000					500,000				(500,000)		(500,000)
374061 Caithness Street Culvert Rehab (000006-C)						215,000					215,000				(215,000)		(215,000)
374064 York Road Culvert (Replacement) 000039								450,000			450,000				(450,000)		(450,000)
374065 Evans Creek Culvert (Replacement) 970308									550,000		550,000				(550,000)		(550,000)
374066 Sandusk Creek Twin Culverts (Replacement) 975502										160,000	160,000				(160,000)		(160,000)
374068 Nanticoke Road Culvert Replacement (975501)										600,000	600,000				(600,000)		(600,000)
374069 York Road Culvert Replacement (000039)										160,000	160,000				(160,000)		(160,000)
374070 Box Culvert Lot 6/7 Replacement (985502)										160,000	160,000				(160,000)		(160,000)
Total Replacement/State of Good Repair	270,000	952,000	320,000			1,142,000	1,595,000	450,000	1,000,000	1,635,000	7,364,000	(11,630)			(7,352,370)		(7,364,000)
Total Culverts	270,000	952,000	320,000			1,142,000	1,595,000	450,000	1,000,000	1,635,000	7,364,000	(11,630)			(7,352,370)		(7,364,000)
Retaining Walls																	
Replacement/State of Good Repair																	
374029 240-246 Caithness St W - Retaining Wall Repl (10)				170,000							170,000				(170,000)		(170,000)
374034 62-48 Caithness St W - Retaining Wall Repl (13)	12,000	470,000									482,000				(482,000)		(482,000)
374042 286 Caithness St E - Retaining Wall Repl (17)	15,000		170,000								185,000				(185,000)		(185,000)
Total Replacement/State of Good Repair	27,000	470,000	170,000	170,000							837,000				(837,000)		(837,000)
Total Retaining Walls	27,000	470,000	170,000	170,000							837,000				(837,000)		(837,000)
Structure Inspections and Engineering																	
Replacement/State of Good Repair																	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Structure Projects	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Structure Inspections and Engineering																	
374001 Annual Bridge Engineering	273,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,973,000				(2,973,000)		(2,973,000)
374002 OSIM Inspections	65,000		65,000		65,000		65,000		65,000		325,000				(325,000)		(325,000)
374003 Deck Condition Surveys	7,000	21,000	21,000	15,000	21,000	21,000	14,000	21,000	21,000	14,000	176,000				(176,000)		(176,000)
374024 Retaining Wall Inspections	15,000			15,000			15,000				45,000				(45,000)		(45,000)
Total Replacement/State of Good Repair	360,000	321,000	386,000	330,000	386,000	321,000	394,000	321,000	386,000	314,000	3,519,000				(3,519,000)		(3,519,000)
Total Structure Inspections and Engineering	360,000	321,000	386,000	330,000	386,000	321,000	394,000	321,000	386,000	314,000	3,519,000				(3,519,000)		(3,519,000)
Total Structure Projects	3,043,000	4,368,000	4,136,000	2,920,000	2,696,000	3,094,000	3,509,000	3,356,000	3,266,000	2,153,000	32,541,000	(6,018,260)		(1,340,000)	(25,182,740)		(32,541,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
2021	2022	2023	2024	2025	2026	2027	2028	2029	2030								
Urban Paving Programs																	
Caledonia Urban Paving																	
Replacement/State of Good Repair																	
376037	Cal- Morrison Rd-Ross St to east end	577,000										577,000				(577,000)	(577,000)
376038	Cal- Ross St-Orkney W to Morrison	138,000										138,000				(138,000)	(138,000)
376039	Cal- Dumfries - Orkney W to Morrison	111,000										111,000				(111,000)	(111,000)
376040	Cal- Munro Ct-Ross to end	62,000										62,000				(62,000)	(62,000)
376041	Cal- Leith Crt - Morrison to end	57,000										57,000				(57,000)	(57,000)
376042	Cal- Highland Blvd - Haddington to Buchanan		690,000									690,000				(690,000)	(690,000)
376043	Cal- Buchanan - N end to Highland		450,000									450,000				(450,000)	(450,000)
376044	Cal- Douglas Dr-McKenzie to Highland		230,000									230,000				(230,000)	(230,000)
376045	Cal- Piper Pl - Douglas Dr to W end		190,000									190,000				(190,000)	(190,000)
376046	Cal- Kintrye Crt - McKenzie to N. End		160,000									160,000				(160,000)	(160,000)
376047	Cal- Kilty Ct - Douglas Dr to end		160,000									160,000				(160,000)	(160,000)
376048	Cal- Tartan Dr - Highland to Buchanan		150,000									150,000				(150,000)	(150,000)
376051	Cal- McCrea Dr - Kinross to Kinross				640,000							640,000				(640,000)	(640,000)
376052	Cal- Kinross - Argyle to Braemar				630,000							630,000				(630,000)	(630,000)
376055	Cal- Scott St Fraser To Kinross				140,000							140,000				(140,000)	(140,000)
376056	Cal- Frase Crt - Scott St to end				137,000							137,000				(137,000)	(137,000)
376058	Cal- Glenmoore Pl. - full court				101,000							101,000				(101,000)	(101,000)
376060	Cal- Sutherland St W - Ross to Tracks				442,000							442,000				(442,000)	(442,000)
376061	Cal- Sutherland Street East – Banff to Haller Cresc				274,000							274,000				(274,000)	(274,000)
376062	Cal- Burnside - Braemar to Thistlemoor									119,000		119,000				(119,000)	(119,000)
376063	Cal- Robert Gordon Drive				64,000							64,000				(64,000)	(64,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Urban Paving Programs	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Caledonia Urban Paving																	
376064 Cal- McAlpine Place				38,000							38,000				(38,000)		(38,000)
376065 Cal- Morgan Dr - Celtic to McKenzie					410,000						410,000				(410,000)		(410,000)
376066 Cal- Haller Cres & Haller Pl					331,600						331,600				(331,600)		(331,600)
376067 Cal- McMaster - McKenzie to Buchanan					321,300						321,300				(321,300)		(321,300)
376068 Cal- McKeown Ct - McMaster to end					115,200						115,200				(115,200)		(115,200)
376069 Cal- Iona Ct - McMaster to end					75,200						75,200				(75,200)		(75,200)
376070 Cal- McKinnon - Caithness to Williamson					57,400						57,400				(57,400)		(57,400)
376071 Cal- Morgan Court					26,900						26,900				(26,900)		(26,900)
376072 Cal- Williamson Dr - all						942,800					942,800				(942,800)		(942,800)
376073 Cal- Mckenzie – Wigton to Fuller						661,800					661,800				(661,800)		(661,800)
376075 Cal- Clansman Cres - Caledonia Dr to Caledonia Dr						263,800					263,800				(263,800)		(263,800)
376076 Cal- Dundee - Kinross to Kinross						244,400					244,400				(244,400)		(244,400)
376077 Cal- Fraser - Kinross to Scott						211,000					211,000				(211,000)		(211,000)
376078 Cal- Orkney St W - Ross to Williamson						196,300					196,300				(196,300)		(196,300)
376082 Cal- MacMillian - Williamson to Williamson						122,200					122,200				(122,200)		(122,200)
376085 Cal- Shaw - Dundee to Stirling						55,900					55,900				(55,900)		(55,900)
376086 Cal- MacGregor Pl - Fraser to end						47,500					47,500				(47,500)		(47,500)
376087 Cal- MacDonald Place						41,800					41,800				(41,800)		(41,800)
376089 Cal- Hyslop - Scott Acres to Jamison							272,400				272,400				(272,400)		(272,400)
376090 Cal- Glenmor Dr - MacCrae Dr to Kinross							237,500				237,500				(237,500)		(237,500)
376096 Cal- Balmoral Crt - Ayr to end							76,400				76,400				(76,400)		(76,400)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Urban Paving Programs	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Caledonia Urban Paving																	
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)
376122 Cal- Braemar - Kinross to Glengary Cres										406,400	406,400				(406,400)		(406,400)
376129 Cal- Fife St - Argyle to Wigton										79,200	79,200				(79,200)		(79,200)
376135 Cal- Pauline Ave - Peebles to Selkirk										40,700	40,700				(40,700)		(40,700)
376149 Cal - Peebles - Forfar to Stirling St										86,900	86,900				(86,900)		(86,900)
376150 Cal - Selkirk St - Forfar to Stirling										34,700	34,700				(34,700)		(34,700)
376151 Cal - Renfrew - Forfar to Stirling										78,300	78,300				(78,300)		(78,300)
376152 Cal - Fuller Drive - McKenzie to End										301,200	301,200				(301,200)		(301,200)
376153 Cal - Thistlemore Drive - Baemar to Kinross										314,300	314,300				(314,300)		(314,300)
376154 Cal - Glengary Cres - Braemar to Braemar										251,400	251,400				(251,400)		(251,400)
376155 Cal - Inverness - Caithness to Orkney										278,900	278,900				(278,900)		(278,900)
376160 Cal - Kinross - Braemar to Thistlemoor										120,000	120,000				(120,000)		(120,000)
Total Replacement/State of Good Repair	945,000	2,030,000		2,466,000	1,337,600	2,787,500	755,800	894,100		2,111,000	13,327,000				(13,327,000)		(13,327,000)
Total Caledonia Urban Paving	945,000	2,030,000		2,466,000	1,337,600	2,787,500	755,800	894,100		2,111,000	13,327,000				(13,327,000)		(13,327,000)
Canborough Urban Paving																	
Replacement/State of Good Repair																	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Urban Paving Programs	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
Canborough Urban Paving																		
376108 Canb- Water Street								60,000			60,000				(60,000)		(60,000)	
Total Replacement/State of Good Repair								60,000			60,000				(60,000)		(60,000)	
Total Canborough Urban Paving								60,000			60,000				(60,000)		(60,000)	
Canfield Urban Paving																		
Replacement/State of Good Repair																		
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)	
Total Replacement/State of Good Repair								142,200			142,200				(142,200)		(142,200)	
Total Canfield Urban Paving								142,200			142,200				(142,200)		(142,200)	
Cayuga Urban Paving																		
Replacement/State of Good Repair																		
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)	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Urban Paving Programs	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Cayuga Urban Paving																	
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)
376172 Cay - Johnston St - Echo to end [CIW]		15,000									15,000				(15,000)		(15,000)
Total Replacement/State of Good Repair		15,000				76,400		1,165,200	199,200		1,455,800				(1,455,800)		(1,455,800)
Total Cayuga Urban Paving		15,000				76,400		1,165,200	199,200		1,455,800				(1,455,800)		(1,455,800)
Dunnville Urban Paving																	
Replacement/State of Good Repair																	
376050 Dun- Lock Street – George Street to Pine Street			625,000								625,000				(625,000)		(625,000)
376053 Dun- Jarrett Place – Diltz Rd to west extent			305,000								305,000				(305,000)		(305,000)
376054 Dun- Pine Street – Lock to Alder			255,000								255,000				(255,000)		(255,000)
376057 Dun- Griffith - Alder to S Cayuga			135,000								135,000				(135,000)		(135,000)
376059 Dun- Tamarac - Front St to Queen St			120,000								120,000				(120,000)		(120,000)
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)
376162 Dunn - Tamarac St Main St. to Forest										140,000	140,000				(140,000)		(140,000)
376163 Tamarac Street - Forest Street to Concession St.										250,000	250,000				(250,000)		(250,000)
376164 Dunn - Concession St Tamarac to Cedar										110,000	110,000				(110,000)		(110,000)
376165 Dunn - Meadowbrook Court										100,000	100,000				(100,000)		(100,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Urban Paving Programs																	
Dunnville Urban Paving																	
376166	Dunn - Cleary Ave - Tamarac to Cedar									100,000	100,000				(100,000)		(100,000)
376168	Dunn - Taylor Road - Broad Street to Hald Rd #3									62,000	62,000				(62,000)		(62,000)
376169	Dunn - George St Cross Street to Town Limit									102,000	102,000				(102,000)		(102,000)
Total Replacement/State of Good Repair			1,440,000						576,600	864,000	2,880,600				(2,880,600)		(2,880,600)
Total Dunnville Urban Paving			1,440,000						576,600	864,000	2,880,600				(2,880,600)		(2,880,600)
Hagersville Urban Paving																	
Replacement/State of Good Repair																	
376049	Hag- Porter Ave		26,000								26,000				(26,000)		(26,000)
Total Replacement/State of Good Repair			26,000								26,000				(26,000)		(26,000)
Total Hagersville Urban Paving			26,000								26,000				(26,000)		(26,000)
Jarvis Urban Paving																	
Replacement/State of Good Repair																	
376092	Jar- Walpole Dr - Main to Talbot [SS] [W]				138,000						138,000				(138,000)		(138,000)
376170	Hawk Street LEIP									250,000	250,000				(250,000)		(250,000)
376171	Field Road LEIP									131,000	131,000				(131,000)		(131,000)
Total Replacement/State of Good Repair					138,000					381,000	519,000				(519,000)		(519,000)
Total Jarvis Urban Paving					138,000					381,000	519,000				(519,000)		(519,000)
Lowbanks Urban Paving																	
Replacement/State of Good Repair																	
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

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Urban Paving Programs	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Lowbanks Urban Paving																	
376140 Low- Saturn St									20,900		20,900				(20,900)		(20,900)
376141 Low- Meier St									18,700		18,700				(18,700)		(18,700)
Total Replacement/State of Good Repair									171,600		171,600				(171,600)		(171,600)
Total Lowbanks Urban Paving									171,600		171,600				(171,600)		(171,600)
Peacock Point Urban Paving																	
Replacement/State of Good Repair																	
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)
Total Replacement/State of Good Repair						14,300			261,800		276,100				(276,100)		(276,100)
Total Peacock Point Urban Paving						14,300			261,800		276,100				(276,100)		(276,100)
Port Maitland Urban Paving																	
Replacement/State of Good Repair																	
376157 Por - The Esplanade										66,200	66,200				(66,200)		(66,200)
376158 Por - Dover Street										176,100	176,100				(176,100)		(176,100)
376159 Por - Port Maitland Rd - Dover St to Pier										209,800	209,800				(209,800)		(209,800)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Urban Paving Programs	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Port Maitland Urban Paving																	
Total Replacement/State of Good Repair										452,100	452,100				(452,100)		(452,100)
Total Port Maitland Urban Paving										452,100	452,100				(452,100)		(452,100)
Springvale Urban Paving																	
Replacement/State of Good Repair																	
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)
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)
Total Replacement/State of Good Repair								168,200			168,200				(168,200)		(168,200)
Total Springvale Urban Paving								168,200			168,200				(168,200)		(168,200)
York Urban Paving																	
Replacement/State of Good Repair																	
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)
Total Replacement/State of Good Repair							633,440				633,440				(633,440)		(633,440)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Urban Paving Programs	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Total York Urban Paving							633,440				633,440				(633,440)		(633,440)
Total Urban Paving Programs	971,000	2,045,000	1,440,000	2,604,000	1,337,600	2,863,900	1,403,540	2,429,700	1,209,200	3,808,100	20,112,040				(20,112,040)		(20,112,040)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Miscellaneous Paving	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Miscellaneous Paving																	
Replacement/State of Good Repair																	
376130 Old Talbot Road Hald Rd 20 both ways									66,000		66,000				(66,000)		(66,000)
376131 South Cayuga Road - Rainham Road to 443m north									58,300		58,300				(58,300)		(58,300)
376134 Stonehaven - Johnson Rd to East end									44,000		44,000				(44,000)		(44,000)
Total Replacement/State of Good Repair									168,300		168,300				(168,300)		(168,300)
Total Miscellaneous Paving									168,300		168,300				(168,300)		(168,300)
Total Miscellaneous Paving									168,300		168,300				(168,300)		(168,300)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
2021	2022	2023	2024	2025	2026	2027	2028	2029	2030								
Surface Treatment Program																	
Replacement/State of Good Repair																	
383026	Jarden Rd - Hwy 3 to Hald Rd 17	250,000									250,000	(250,000)				(250,000)	
383027	Burke Rd - Rd 17 to Hwy 3	150,000									150,000	(150,000)				(150,000)	
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] [SS]				1,280,000						1,280,000			(1,280,000)		(1,280,000)	
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	475,000									475,000	(475,000)				(475,000)	
383036	Conc 7 Rd - Hald Rd 53 to Hald Rd 12		300,000								300,000	(25,000)		(275,000)		(300,000)	
383037	Downey Road - Rymer Rd to end	280,000									280,000	(280,000)				(280,000)	
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)	
383044	Pyle Rd - Hald Rd 3 to Villella Rd			60,000							60,000			(60,000)		(60,000)	
383045	Shoreline Trail - Lakeshore to 600 m west			50,000							50,000			(50,000)		(50,000)	
383046	Dry Lake Road - Hwy 3 to Hald Rd 9		320,000								320,000			(320,000)		(320,000)	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
Surface Treatment Program																			
Surface Treatment Program																			
383047	Lakeshore Rd - Hald Rd 50 to Hald-Dunn Twl Rd			320,000								320,000				(320,000)		(320,000)	
383048	Rymer Rd - Hald Rd 3 to MltN-Shrbrk Townline Rd		300,000									300,000				(300,000)		(300,000)	
383049	Mumby Road - Hald Rd 3 to Bird Rd			200,000								200,000				(200,000)		(200,000)	
383050	3rd Line Oneida - McKenzie Rd to 1st Row			200,000								200,000				(200,000)		(200,000)	
383051	Marshall Rd - Kings Row to Hald Trail			160,000								160,000				(160,000)		(160,000)	
383052	South Coast Drive - Sandusk Rd to Texaco Underpass			160,000								160,000				(160,000)		(160,000)	
383053	Nelles Rd - York Rd to River			100,000								100,000				(100,000)		(100,000)	
383054	Sawmill Road - Glancaster Rd to end			100,000								100,000				(100,000)		(100,000)	
383055	Rattlesnake Rd - Booker Rd to .7 Km N. Of Aiken Rd			80,000								80,000				(80,000)		(80,000)	
383056	King Road - Niece Rd to Rymer Rd			80,000								80,000				(80,000)		(80,000)	
383057	Canal Bank Rd - N. Feeder Canal Rd to Hald Rd 3			30,000								30,000				(30,000)		(30,000)	
383058	New Lakeshore Rd - Old Lakeshore Rd to Stelco underpass				350,000							350,000				(350,000)		(350,000)	
383059	Conc 10 Wal - Hald Rd 74 to Rd 55				320,000							320,000				(320,000)		(320,000)	
383060	River Rd - South Cayuga Rd to HD Twl				200,000							200,000				(200,000)		(200,000)	
383061	Comfort Rd - Diltz Rd 9 to Marshagan Rd				180,000							180,000				(180,000)		(180,000)	
383063	Conc 2 Seneca Rd - Hald Rd 9 to old Conc 2				150,000							150,000				(150,000)		(150,000)	
383064	Niece Rd - Downey Rd to Siddall Rd				100,000							100,000				(100,000)		(100,000)	
383065	Niece Rd - Hald Rd 3 to Downey Rd				100,000							100,000				(100,000)		(100,000)	
383066	Ricker Rd - Darling Rd to end				50,000							50,000				(50,000)		(50,000)	
383067	Conc 3 Rd - Sweets Corners Rd to Hald Rd 8				280,000							280,000				(280,000)		(280,000)	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
Surface Treatment Program																			
383068	River Rd -Yaremy to South Cayuga Rd				200,000							200,000				(200,000)		(200,000)	
383069	Sutor Rd - River Rd to Hald Rd 20				200,000							200,000				(200,000)		(200,000)	
383070	6th Line Oneida - Oneida Rd to Hwy 6				350,000							350,000				(350,000)		(350,000)	
383071	Conc 3 Walpole - Hald Rd 55 to Hald Rd 70				200,000							200,000				(200,000)		(200,000)	
383072	Conc 14 Walpole - Hald Rd 55 to Hald Rd 70				150,000							150,000				(150,000)		(150,000)	
383073	Hines Road - Hutchinson Rd to Young Rd				90,000							90,000				(90,000)		(90,000)	
383074	Conc 16 Walpole - Hald Rd 20 to Lot 3/4				80,000							80,000				(80,000)		(80,000)	
383075	4th Line Oneida - Hwy 6 to Hald Rd 9					500,000						500,000				(500,000)		(500,000)	
383076	Conc 13 Walpole - Hald Rd 20 to Hald Rd 55					250,000						250,000				(250,000)		(250,000)	
383077	Conc 6 Woodhouse - Hald Rd 70 to E. Quarter Line					250,000						250,000				(250,000)		(250,000)	
383079	Townline Road - Conc 7 Walpole to Nanticoke Creek					120,000						120,000				(120,000)		(120,000)	
383080	South Coast Drive - Hald Rd 62 to Cheapside Rd				100,000							100,000	(100,000)					(100,000)	
383081	Hald Rd 9 - Turnbull to Hwy 56					200,000						200,000	(200,000)					(200,000)	
383082	Younge Rd - Diltz Rd to Marshagan Rd					200,000						200,000				(200,000)		(200,000)	
383083	Conc 2 Walpole - 1.4 km west of Cheapside to Sandusk Rd					180,000						180,000				(180,000)		(180,000)	
383084	Riverside Dr - Rainham Rd to Stelco Bridge					160,000						160,000				(160,000)		(160,000)	
383085	Sandusk Rd - Railway to Hald Rd 20					150,000						150,000				(150,000)		(150,000)	
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)	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing	
Surface Treatment Program																			
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)
383105	Conc 16 Walpole - Hald Rd 74 to Lot 3/4								160,000			160,000					(160,000)		(160,000)
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)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing	
Surface Treatment Program																			
Surface Treatment Program																			
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 - Villella 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)
383125	Haldibrook Road - Hwy 6 to Glanaster Twl			300,000								300,000				(300,000)			(300,000)
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)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
Surface Treatment Program																			
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)	
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)	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Surface Treatment Program	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Surface Treatment Program																	
383150 Vilella 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)
383160 Bartlett Rd - Robinson Rd to Sutor Road										100,000	100,000	(100,000)					(100,000)
383161 Bartlett Rd - Hines Rd to End										30,000	30,000				(30,000)		(30,000)
383162 Bird Rd - Diltz R to Robinson Rd										100,000	100,000				(100,000)		(100,000)
383163 Bird Rd - Moulton-Aiken Rd to Hwy 3										223,000	223,000				(223,000)		(223,000)
383164 Brookers Rd - Rainham Rd to Lakeshore Rd										123,000	123,000				(123,000)		(123,000)
383165 Carter Rd - Robinson Rd to Diltz Rd										105,000	105,000				(105,000)		(105,000)
383166 Charles Cullen Parkway - River Rd to End										46,000	46,000				(46,000)		(46,000)
383167 Concession 1 Rd South - Hald Rd 17 to Hald Rd 32										430,000	430,000	(430,000)					(430,000)
383168 Concession 10 Walpole - Cheapside Rd to Hwy 6										385,000	385,000	(385,000)					(385,000)
383169 Concession 11 Walpole - Hald Rd 55 to Hald Rd 74 6										238,000	238,000				(238,000)		(238,000)
383170 Concession 4 Walpole - Hald Rd 53 to Cheapside Rd										258,000	258,000				(258,000)		(258,000)
383171 Concession 5 Road - Hald Rd 20 to Fisherville Urban Boundary										280,000	280,000				(280,000)		(280,000)

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HALDIMAND COUNTY
2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing								
2021	2022	2023	2024	2025	2026	2027	2028	2029	2030																
Surface Treatment Program																									
Surface Treatment Program																									
383172	Concession 5 Walpole - Hald Rd 53 to Cheapside Rd									258,000	258,000			(258,000)		(258,000)									
383173	Concession 6 Road - Hald Rd 20 to Hald Rd 53									447,000	447,000	(447,000)				(447,000)									
383174	Decewsville Road - Hwy 3 to Townline Rd									154,000	154,000			(154,000)		(154,000)									
Total Replacement/State of Good Repair											855,000	2,790,000	2,710,000	4,380,000	2,800,000	3,020,000	2,740,000	3,200,000	3,290,000	3,177,000	28,962,000	(9,042,000)	(500,000)	(19,420,000)	(28,962,000)
Total Surface Treatment Program											855,000	2,790,000	2,710,000	4,380,000	2,800,000	3,020,000	2,740,000	3,200,000	3,290,000	3,177,000	28,962,000	(9,042,000)	(500,000)	(19,420,000)	(28,962,000)
Total Surface Treatment Program											855,000	2,790,000	2,710,000	4,380,000	2,800,000	3,020,000	2,740,000	3,200,000	3,290,000	3,177,000	28,962,000	(9,042,000)	(500,000)	(19,420,000)	(28,962,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
2021	2022	2023	2024	2025	2026	2027	2028	2029	2030								
Gravel Road Conversion Program																	
Gravel Road Conversion Program																	
New/Enhanced Service																	
381013	Dunnville Townline Rd, Caistorville Rd to Hwy 3	63,600										63,600			(4,300)	(59,300)	(63,600)
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			(2,800)	(38,600)	(41,400)
381021	Wilson Rd - Meadows Rd to south end	7,000										7,000			(500)	(6,500)	(7,000)
381022	Dunn Hald Townline - Conc Rd 1 to Rd 17	97,700										97,700			(6,600)	(91,100)	(97,700)
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			(4,000)	(55,800)	(59,800)
381032	Bains Road - Rd 20 to Rd 50		131,300									131,300	(122,500)		(8,800)		(131,300)
381033	Onondaga Road - Greens Rd to Sawmill Rd		44,700									44,700	(20,850)	(22,350)	(1,500)		(44,700)
381034	Ortt Road - HD Twl to Hwy 3		73,900									73,900	(68,900)		(5,000)		(73,900)
381035	Woods Road - stub west of Hwy 3		9,500									9,500			(600)	(8,900)	(9,500)
381036	Sweets Corners Rd - Bains Rd to Rainham Road		45,800									45,800	(42,700)		(3,100)		(45,800)
381037	Conc 6 Rainham - Road 12 to Road 20		59,800									59,800			(4,000)	(55,800)	(59,800)
381038	Conc 2 Rd south - Windecker to Rd 32		53,700									53,700			(3,600)	(50,100)	(53,700)
381039	Windecker Road - Hwy 3 to Conc Rd 1		44,700									44,700	(41,700)		(3,000)		(44,700)
381040	Indiana Road E - Hwy 56 to Turnbull Rd		55,000									55,000	(51,300)		(3,700)		(55,000)
381041	Indiana Road W - 3rd Line to River Rd	406,000		66,900								472,900	(62,400)		(31,800)	(378,700)	(472,900)
381042	Turnbull Road - Rd 9 to Conc. 1 Seneca	91,300										91,300	(85,200)		(6,100)		(91,300)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Gravel Road Conversion Program	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030							
Gravel Road Conversion Program																	
381043 Moul-Sher Twl - NS Drive to Canal Bank	350,000		67,300									417,300	(62,800)		(28,100)	(326,400)	(417,300)
381044 Mt Olivet Road - Richert to Bains Rd	270,000		50,600									320,600	(47,200)		(21,600)	(251,800)	(320,600)
381045 McGowan Road - 5th Line to end	149,700		27,500									177,200	(25,600)		(12,000)	(139,600)	(177,200)
381046 Hart Road - Road 63 to Robinson Rd	480,000		88,400									568,400	(82,400)		(38,300)	(447,700)	(568,400)
381047 Reeds Road - Hwy 3 to Townline Road	302,000		43,800									345,800	(40,900)		(23,200)	(281,700)	(345,800)
381048 Melick Road - Moote Rd to Lane Rd		108,900										108,900	(101,600)		(7,300)		(108,900)
381049 Windecker Road - Conc Rd 1 to Road 17		66,700										66,700			(4,500)	(62,200)	(66,700)
381050 Conc 14 Townsend - Twl Rd to Norfolk		58,000										58,000			(3,900)	(54,100)	(58,000)
381051 Dickhout Road - Moul Sher Twl to Rymer	141,600		26,400									168,000	(24,600)		(11,300)	(132,100)	(168,000)
381052 Gore A Rd - Hutchinson to Wainfleet Twl	380,000		53,700									433,700	(50,100)		(29,200)	(354,400)	(433,700)
381053 Richert Rd - River Rd to Road 20	333,900		62,300									396,200	(58,100)		(26,700)	(311,400)	(396,200)
381054 Wilson Rd - River Rd to Meadows Rd	110,900		20,700									131,600	(19,300)		(8,900)	(103,400)	(131,600)
381055 Feeder Lane - Aiken Rd to Canal Bank Rd	140,000		24,200									164,200	(22,600)		(11,000)	(130,600)	(164,200)
381056 Townline Rd E - Junction to HD Twl	66,000											66,000			(4,400)	(61,600)	(66,000)
381057 Indiana Rd E - Turnbull to HD Twl		390,000		74,100								464,100	(69,100)		(31,300)	(363,700)	(464,100)
381058 Little Rd - Road 20 to Irish Line		200,000		74,000								274,000	(69,000)		(18,500)	(186,500)	(274,000)
381069 Calvert Rd - Gore A to Marshagan Rd		22,400										22,400			(1,500)	(20,900)	(22,400)
381070 Turnbull Rd - Townline Rd to Conc 1 Seneca		46,200										46,200			(3,100)	(43,100)	(46,200)
381071 Oneida Rd - 6th line to Tracks		20,000										20,000			(1,300)	(18,700)	(20,000)
381072 Stirling St - Oneida to Tracks		20,000										20,000			(1,300)	(18,700)	(20,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Gravel Road Conversion Program	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030							
Gravel Road Conversion Program																	
381073 Bird Rd - Canal Bank to Dickhout			153,400		29,000						182,400	(170,100)		(12,300)		(182,400)	
381074 Meadows Rd - Sutor to Yaremy Rd		278,900		53,700							332,600	(50,100)		(22,400)	(260,100)	(332,600)	
381075 Farr Rd - NS Drive to Mou Sher Twl			114,500		21,300						135,800	(126,700)		(9,100)		(135,800)	
381076 Meadows Rd - Mt Olivet to Sutor Rd		364,600		68,000							432,600	(63,400)		(29,100)	(340,100)	(432,600)	
381077 Singer Rd - Conc 2 Rd to Indiana Rd		328,000		61,200							389,200	(57,100)		(26,200)	(305,900)	(389,200)	
381078 Booker Rd - Road 65 to Wainfleet Line			291,400		54,300						345,700	(322,400)		(23,300)		(345,700)	
381079 Conc 12 Townsend - Rd 74 to Norfolk			283,200		52,800						336,000	(313,300)		(22,700)		(336,000)	
381080 Grant Rd - Indiana Rd to Townline Rd			241,900		45,100						287,000	(267,700)		(19,300)		(287,000)	
381081 Junction Rd - Hwy 3 to Townline Rd E		243,100		45,300							288,400	(42,300)		(19,400)	(226,700)	(288,400)	
381082 Feeder Canal Ln - Rd 3 to Rd 64			220,700		41,100						261,800	(244,100)		(17,700)		(261,800)	
381083 Lynvalley Rd - Hwy 6 to Road 70		199,400		37,200							236,600	(34,700)		(15,900)	(186,000)	(236,600)	
381084 Sutor Rd - Bains Rd to Road 3		152,200		28,400							180,600	(26,500)		(12,100)	(142,000)	(180,600)	
381085 Conc 3 Rainham - Sweets Rd to Bains Rd			43,700		8,100						51,800	(48,400)		(3,400)		(51,800)	
381086 Bains Rd - Rd 50 to HD Twl		516,800		96,400							613,200	(89,900)		(41,300)	(482,000)	(613,200)	
381087 S Cayuga Rd - River Rd to Road 20		146,300		27,300							173,600	(25,500)		(11,600)	(136,500)	(173,600)	
381088 Yule Rd - Conc 9 Wal to Conc 8 Wal			165,200		31,000						196,200	(183,000)		(13,200)		(196,200)	
381089 Moote Rd - Road 63 to County Line			118,000		22,000						140,000	(130,600)		(9,400)		(140,000)	
381090 Duxbury Rd - Road 9 to Townline Rd			292,400		44,400						336,800	(314,100)		(22,700)		(336,800)	
381091 Cranston Rd - Hwy 6 to Conc 9 Wal			87,300		16,300						103,600	(96,600)		(7,000)		(103,600)	
381092 Project Manager, Gravel Road Conversion Program	131,010	131,010	131,010								393,030			(26,430)	(366,600)	(393,030)	
Total New/Enhanced Service	3,790,210	3,810,910	2,674,510	565,600	365,400						11,206,630	(3,932,250)	(22,350)	(752,730)	(6,499,300)	(11,206,630)	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Gravel Road Conversion Program	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030							
Total Gravel Road Conversion Program	3,790,210	3,810,910	2,674,510	565,600	365,400						11,206,630	(3,932,250)	(22,350)	(752,730)	(6,499,300)	(11,206,630)	
Total Gravel Road Conversion Program	3,790,210	3,810,910	2,674,510	565,600	365,400						11,206,630	(3,932,250)	(22,350)	(752,730)	(6,499,300)	(11,206,630)	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Municipal Drains	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Municipal Drain Maintenance																	
Replacement/State of Good Repair																	
378001 McNichol Maintenance									20,400		20,400	(6,120)	(8,160)		(6,120)		(20,400)
378002 Babiy Maintenance									23,500		23,500	(7,050)	(9,400)		(7,050)		(23,500)
378003 Barry Maintenance									25,500		25,500	(7,650)	(10,200)		(7,650)		(25,500)
378004 Sugar Creek Main Maintenance									35,000		35,000	(10,500)	(14,000)		(10,500)		(35,000)
378005 Siddal Maintenance									21,400		21,400	(6,420)	(8,560)		(6,420)		(21,400)
378006 Holtrop Maintenance									15,300		15,300	(4,590)	(6,120)		(4,590)		(15,300)
378007 Allen Maintenance									7,200		7,200	(2,160)	(2,880)		(2,160)		(7,200)
378008 Moulton Station Maintenance									17,300		17,300	(5,190)	(6,920)		(5,190)		(17,300)
378009 Fred Buckner Maintenance										25,500	25,500	(7,650)	(10,200)		(7,650)		(25,500)
378010 Buckner Maintenance										22,400	22,400	(6,720)	(8,960)		(6,720)		(22,400)
378011 Broad Creek Maintenance										33,600	33,600	(10,080)	(13,440)		(10,080)		(33,600)
378012 Lindsay Maintenance										23,500	23,500	(7,050)	(9,400)		(7,050)		(23,500)
378013 Stonehaven Maintenance	5,800										5,800	(1,740)	(2,320)		(1,740)		(5,800)
378014 Horseshoe Bay Maintenance	5,100										5,100	(1,530)	(2,040)		(1,530)		(5,100)
378015 Boyt Maintenance	4,100										4,100	(1,230)	(1,640)		(1,230)		(4,100)
378016 James Main Maintenance	66,200										66,200	(19,860)	(26,480)		(19,860)		(66,200)
378017 Waines Maintenance	30,600										30,600	(9,180)	(12,240)		(9,180)		(30,600)
378018 Baker Main Maintenance		25,500									25,500	(7,650)	(10,200)		(7,650)		(25,500)
378019 Sweets Corners Maintenance		63,100									63,100	(18,930)	(25,240)		(18,930)		(63,100)
378020 Townline Br. of the Black Crk Maint		12,300									12,300	(3,690)	(4,920)		(3,690)		(12,300)
378021 Michener #1 Maintenance		22,400									22,400	(6,720)	(8,960)		(6,720)		(22,400)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
2021	2022	2023	2024	2025	2026	2027	2028	2029	2030								
Municipal Drains																	
Municipal Drain Maintenance																	
378022	Michener Main Maintenance	20,400									20,400	(6,120)	(8,160)	(6,120)		(20,400)	
378023	Ordnance Reserve Maintenance	42,200									42,200	(12,660)	(16,880)	(12,660)		(42,200)	
378024	King Branch 1 & 2 Maintenance	37,700									37,700	(11,310)	(15,080)	(11,310)		(37,700)	
378025	Black Creek Maintenance	66,200									66,200	(19,860)	(26,480)	(19,860)		(66,200)	
378026	Baker East Maintenance	22,400									22,400	(6,720)	(8,960)	(6,720)		(22,400)	
378027	Baker West Maintenance	24,500									24,500	(7,350)	(9,800)	(7,350)		(24,500)	
378028	Sixth Concession Maintenance			40,800							40,800	(12,240)	(16,320)	(12,240)		(40,800)	
378029	Mazi Maintenance			35,000							35,000	(10,500)	(14,000)	(10,500)		(35,000)	
378030	Weikman Maintenance			26,500							26,500	(7,950)	(10,600)	(7,950)		(26,500)	
378031	Seneca Greens Maintenance			1,900							1,900	(570)	(760)	(570)		(1,900)	
378032	Anderson Maintenance			8,400							8,400	(2,520)	(3,360)	(2,520)		(8,400)	
378033	Harrop Maintenance			97,700							97,700	(29,310)	(39,080)	(29,310)		(97,700)	
378034	Hunter Maintenance			11,200							11,200	(3,360)	(4,480)	(3,360)		(11,200)	
378035	Lundy Maintenance			26,500							26,500	(7,950)	(10,600)	(7,950)		(26,500)	
378036	North Forks Maintenance				77,400						77,400	(23,220)	(30,960)	(23,220)		(77,400)	
378037	South Forks Maintenance				32,600						32,600	(9,780)	(13,040)	(9,780)		(32,600)	
378038	Maple Creek Maintenance				98,800						98,800	(29,640)	(39,520)	(29,640)		(98,800)	
378039	Maple Creek Dunn Branch Maint				16,300						16,300	(4,890)	(6,520)	(4,890)		(16,300)	
378040	Bravin Maintenance					40,800					40,800	(12,240)	(16,320)	(12,240)		(40,800)	
378041	Chrysler Maintenance					23,500					23,500	(7,050)	(9,400)	(7,050)		(23,500)	
378042	Deamude Maintenance					23,500					23,500	(7,050)	(9,400)	(7,050)		(23,500)	
378043	West Kelly Maintenance					61,100					61,100	(18,330)	(24,440)	(18,330)		(61,100)	

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HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Municipal Drains	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Municipal Drain Maintenance																	
378044 Byers Maintenance					14,300						14,300	(4,290)	(5,720)		(4,290)		(14,300)
378045 Girling Maintenance					4,100						4,100	(1,230)	(1,640)		(1,230)		(4,100)
378046 Pat Warren Maintenance				21,400							21,400	(6,420)	(8,560)		(6,420)		(21,400)
378047 Boulton Maintenance						14,300					14,300	(4,290)	(5,720)		(4,290)		(14,300)
378048 Ellsworth Maintenance						30,600					30,600	(9,180)	(12,240)		(9,180)		(30,600)
378049 Furry Maintenance						45,800					45,800	(13,740)	(18,320)		(13,740)		(45,800)
378050 Mackeigan Maintenance						9,100					9,100	(2,730)	(3,640)		(2,730)		(9,100)
378051 Tweed Maintenance						47,900					47,900	(14,370)	(19,160)		(14,370)		(47,900)
378052 Hoover Creek Maintenance						39,700					39,700	(11,910)	(15,880)		(11,910)		(39,700)
378053 Wolf Creek Maintenance						9,200					9,200	(2,760)	(3,680)		(2,760)		(9,200)
378054 Crow Road Maintenance						17,300					17,300	(5,190)	(6,920)		(5,190)		(17,300)
378055 East Kelly Maintenance						28,500					28,500	(8,550)	(11,400)		(8,550)		(28,500)
378056 Chalmers Dickout Maintenance							31,600				31,600	(9,480)	(12,640)		(9,480)		(31,600)
378057 H.E. Dickout Maintenance							22,400				22,400	(6,720)	(8,960)		(6,720)		(22,400)
378058 Bouck & Moyer Maintenance							50,900				50,900	(15,270)	(20,360)		(15,270)		(50,900)
378059 Brown Maintenance							20,400				20,400	(6,120)	(8,160)		(6,120)		(20,400)
378060 Boorsma Maintenance							16,300				16,300	(4,890)	(6,520)		(4,890)		(16,300)
378061 Charles Angle Maintenance							8,200				8,200	(2,460)	(3,280)		(2,460)		(8,200)
378062 Felgner Maintenance							9,900				9,900	(2,970)	(3,960)		(2,970)		(9,900)
378063 Harvey Maintenance										12,300	12,300	(3,690)	(4,920)		(3,690)		(12,300)
378064 Jones Maintenance							6,200				6,200	(1,860)	(2,480)		(1,860)		(6,200)
378065 Farr Maintenance							12,300				12,300	(3,690)	(4,920)		(3,690)		(12,300)

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HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Municipal Drains	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Municipal Drain Maintenance																	
378066 Dent Maintenance							46,900				46,900	(14,070)	(18,760)		(14,070)		(46,900)
378067 Chick Hartnett Maintenance								35,700			35,700	(10,710)	(14,280)		(10,710)		(35,700)
378068 Hartnett Branch #1 Maintenance								11,200			11,200	(3,360)	(4,480)		(3,360)		(11,200)
378069 Hartnett Branch #2 Maintenance								8,100			8,100	(2,430)	(3,240)		(2,430)		(8,100)
378070 Hartnett Main Maintenance								17,300			17,300	(5,190)	(6,920)		(5,190)		(17,300)
378071 Chick Main Maintenance								16,300			16,300	(4,890)	(6,520)		(4,890)		(16,300)
378072 Chick Branch #1 Maintenance								8,600			8,600	(2,580)	(3,440)		(2,580)		(8,600)
378073 Chick Branch #2 Maintenance								8,400			8,400	(2,520)	(3,360)		(2,520)		(8,400)
378074 North Hutchinson N. Maintenance								14,300			14,300	(4,290)	(5,720)		(4,290)		(14,300)
378075 North Hutchinson S Maintenance								17,300			17,300	(5,190)	(6,920)		(5,190)		(17,300)
378076 South Hutchinson Maintenance								26,500			26,500	(7,950)	(10,600)		(7,950)		(26,500)
378077 Jarvis 1 Maintenance								51,900			51,900	(15,570)	(20,760)		(15,570)		(51,900)
378078 Jarvis 2 Maintenance								29,600			29,600	(8,880)	(11,840)		(8,880)		(29,600)
378079 S Caledonia Douglas Dr Mutual Agreement Dr										50,000	50,000				(50,000)		(50,000)
378080 Carter Maintenance					56,000						56,000	(16,800)	(22,400)		(16,800)		(56,000)
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	400,000	(120,000)	(160,000)		(120,000)		(400,000)
378085 Sundy Maintenance			55,600								55,600	(16,680)	(22,240)		(16,680)		(55,600)
378086 Sugar Creek Maintenance									40,700		40,700	(12,210)	(16,280)		(12,210)		(40,700)
378087 Niece Maintenance	16,300										16,300	(4,890)	(6,520)		(4,890)		(16,300)
378088 Corbott Maintenance		66,000									66,000	(19,800)	(26,400)		(19,800)		(66,000)
378089 Van Kuren Maintenance			38,400								38,400	(11,520)	(15,360)		(11,520)		(38,400)
Total Replacement/State of Good Repair	168,100	442,700	382,000	286,500	263,300	282,400	265,100	285,200	246,300	207,300	2,828,900	(833,670)	(1,111,560)		(883,670)		(2,828,900)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Municipal Drains	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Total Municipal Drain Maintenance	168,100	442,700	382,000	286,500	263,300	282,400	265,100	285,200	246,300	207,300	2,828,900	(833,670)	(1,111,560)		(883,670)		(2,828,900)
Municipal Drains Construction																	
Replacement/State of Good Repair																	
379011 McNichol Updated Engineers Report	75,000										75,000		(52,500)		(22,500)		(75,000)
Total Replacement/State of Good Repair	75,000										75,000		(52,500)		(22,500)		(75,000)
New/Enhanced Service																	
379005 Middaugh Drain Phase 1 - Construction (16)		157,700									157,700		(141,930)		(15,770)		(157,700)
379010 Middaugh Drain Phase 2 - Construction			101,800								101,800		(91,620)		(10,180)		(101,800)
Total New/Enhanced Service		157,700	101,800								259,500		(233,550)		(25,950)		(259,500)
Total Municipal Drains Construction	75,000	157,700	101,800								334,500		(286,050)		(48,450)		(334,500)
Total Municipal Drains	243,100	600,400	483,800	286,500	263,300	282,400	265,100	285,200	246,300	207,300	3,163,400	(833,670)	(1,397,610)		(932,120)		(3,163,400)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Other Roadwork	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Debture Financing	Total Financing
Bridge & Culvert (<3m) Maintenance																	
Replacement/State of Good Repair																	
339001 Culvert Placement and Lining Rehabilitation	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)
Total Replacement/State of Good Repair	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)
Total 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																	
Replacement/State of Good Repair																	
331001 Raised Traffic Island and Curb Rehabilitation	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)
331002 Hot Mix Padding	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)
331004 Crack Sealing	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)
Total Replacement/State of Good Repair	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000				(3,000,000)		(3,000,000)
Total Hardtop Surface & Shoulder Maintenance	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000				(3,000,000)		(3,000,000)
Miscellaneous Construction																	
Replacement/State of Good Repair																	
375001 Decommission Old Gas Wells/Cisterns	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	350,000				(350,000)		(350,000)
375019 Caledonia Downtown Municipal Parking Lot Paving				285,000							285,000			(256,500)	(28,500)		(285,000)
Total Replacement/State of Good Repair	35,000	35,000	35,000	320,000	35,000	35,000	35,000	35,000	35,000	35,000	635,000			(256,500)	(378,500)		(635,000)
New/Enhanced Service																	
375018 Caledonia Decorative Crosswalks				132,000							132,000			(37,000)	(95,000)		(132,000)
375030 Bird Road and Crown Road intersection improvements	39,000										39,000				(39,000)		(39,000)
375031 Bird Road and Moulton-Aiken Road intersection improvements	50,000										50,000				(50,000)		(50,000)
Total New/Enhanced Service	89,000			132,000							221,000			(37,000)	(184,000)		(221,000)

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



HALDIMAND COUNTY
2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Other Roadwork	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Total Miscellaneous Construction	124,000	35,000	35,000	452,000	35,000	35,000	35,000	35,000	35,000	35,000	856,000			(293,500)	(562,500)		(856,000)
Signage and Safety Devices																	
New/Enhanced Service																	
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)
Total New/Enhanced Service	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)
Total 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																	
Replacement/State of Good Repair																	
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)
Total Replacement/State of Good Repair	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)
Total 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																	
Replacement/State of Good Repair																	
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)
Total Replacement/State of Good Repair	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)
Total Street Lighting	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)
Technical Studies																	
Replacement/State of Good Repair																	
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				75,000		225,000				(225,000)		(225,000)
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)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Transportation Services Stage: Council Approval Other Roadwork	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Debture Financing	Total Financing
Technical Studies																	
377011 Roadside Safety Audit					300,000						300,000				(300,000)		(300,000)
Total Replacement/State of Good Repair	125,000	50,000	50,000	50,000	425,000	50,000	50,000	50,000	125,000	50,000	1,025,000				(1,025,000)		(1,025,000)
New/Enhanced Service																	
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	60,000			(60,000)			(60,000)
377012 LEIP - Master Servicing Plan Update [W][WW][S]	50,000						50,000				100,000			(100,000)			(100,000)
Total New/Enhanced Service	50,000	30,000	30,000	30,000	15,000	50,000	50,000	30,000	30,000	30,000	345,000			(345,000)			(345,000)
Total Technical Studies	175,000	80,000	80,000	80,000	440,000	100,000	100,000	80,000	155,000	80,000	1,370,000			(345,000)	(1,025,000)		(1,370,000)
Traffic Signals																	
Replacement/State of Good Repair																	
336006 Munsee Talbot Traffic Signal Relocation	222,000										222,000				(222,000)		(222,000)
Total Replacement/State of Good Repair	222,000										222,000				(222,000)		(222,000)
New/Enhanced Service																	
336004 Traffic Signal Additional Inventory	15,000					15,000					30,000				(30,000)		(30,000)
Total New/Enhanced Service	15,000					15,000					30,000				(30,000)		(30,000)
Total Traffic Signals	237,000					15,000					252,000				(252,000)		(252,000)
Total Other Roadwork	1,211,000	790,000	790,000	1,207,000	1,150,000	825,000	810,000	790,000	865,000	790,000	9,228,000			(638,500)	(8,589,500)		(9,228,000)

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



Haldimand
County

Environmental Services



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Environmental Services Stage: Council Approval	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Urban Storm Sewer System	285,000	175,000	190,000	675,000	175,000	190,000	190,000	175,000	190,000	175,000	2,420,000			(225,000)	(2,195,000)		(2,420,000)
Total Urban Storm Sewer System	285,000	175,000	190,000	675,000	175,000	190,000	190,000	175,000	190,000	175,000	2,420,000			(225,000)	(2,195,000)		(2,420,000)
Canborough Perpetual Care	22,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	112,000		(63,800)		(48,200)		(112,000)
Canborough Transfer Station	109,000	95,000	15,000	25,000	15,000	15,000	15,000	25,000	15,000	15,000	344,000				(344,000)		(344,000)
Other Perpetual Care	5,000	5,000	87,500	86,000	90,500	5,000	5,000	5,000	5,000	5,000	299,000				(299,000)		(299,000)
Tom Howe Perpetual Care	382,000	10,550	10,000	22,000	10,000	59,000	22,550	10,000	10,000	22,000	558,100		(313,120)		(244,980)		(558,100)
Total Solid Waste Disposal	518,000	120,550	122,500	143,000	125,500	89,000	52,550	50,000	40,000	52,000	1,313,100		(376,920)		(936,180)		(1,313,100)
Total Environmental Services	803,000	295,550	312,500	818,000	300,500	279,000	242,550	225,000	230,000	227,000	3,733,100		(376,920)	(225,000)	(3,131,180)		(3,733,100)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Environmental Services Stage: Council Approval Urban Storm Sewer System	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Urban Storm Sewer System																	
Replacement/State of Good Repair																	
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	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	550,000				(550,000)		(550,000)
495014 Storm Water Management Pond Program	100,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	820,000				(820,000)		(820,000)
495023 River Road - Hwy 3 to Sutor Rd Culvert Replacement [R] [TR]				100,000							100,000				(100,000)		(100,000)
495024 King St West Storm Sewer Rehab	75,000										75,000				(75,000)		(75,000)
Total Replacement/State of Good Repair	255,000	160,000	160,000	260,000	160,000	160,000	160,000	160,000	160,000	160,000	1,795,000				(1,795,000)		(1,795,000)
New/Enhanced Service																	
495001 Cal - Master Servicing Plan Update [W] [WW][R]						30,000					30,000			(30,000)			(30,000)
495002 Jar - Master Servicing Plan Update [W] [WW][R]					15,000						15,000			(15,000)			(15,000)
495015 Hag - Master Servicing Plan Update [W][WW][R]		15,000						15,000			30,000			(30,000)			(30,000)
495016 Dun - Master Servicing Plan Update [W][WW][R]			30,000						30,000		60,000			(60,000)			(60,000)
495017 Cay - Master Servicing Plan Update [W][WW][R]				15,000						15,000	30,000			(30,000)			(30,000)
495019 Storm Sewer Jarvis – Walpole Drive, Monson to Talbot [R]				400,000							400,000				(400,000)		(400,000)
495022 LEIP - Master Servicing Plan [W][WW] [R]	30,000						30,000				60,000			(60,000)			(60,000)
Total New/Enhanced Service	30,000	15,000	30,000	415,000	15,000	30,000	30,000	15,000	30,000	15,000	625,000			(225,000)	(400,000)		(625,000)
Total Urban Storm Sewer System	285,000	175,000	190,000	675,000	175,000	190,000	190,000	175,000	190,000	175,000	2,420,000			(225,000)	(2,195,000)		(2,420,000)
Total Urban Storm Sewer System	285,000	175,000	190,000	675,000	175,000	190,000	190,000	175,000	190,000	175,000	2,420,000			(225,000)	(2,195,000)		(2,420,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Environmental Services Stage: Council Approval												Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Debture Financing	Total Financing
2021	2022	2023	2024	2025	2026	2027	2028	2029	2030									
Solid Waste Disposal																		
Canborough Perpetual Care																		
Replacement/State of Good Repair																		
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)		
Total Replacement/State of Good Repair		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)		
New/Enhanced Service																		
425006	Leachate Management Program (Canb)	12,000										12,000		(6,800)	(5,200)	(12,000)		
Total New/Enhanced Service		12,000										12,000		(6,800)	(5,200)	(12,000)		
Total Canborough Perpetual Care		22,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	112,000		(63,800)	(48,200)	(112,000)		
Canborough Transfer Station																		
Replacement/State of Good Repair																		
424001	Waste Mgmt Facility Repairs	15,000	15,000	15,000	25,000	15,000	15,000	15,000	25,000	15,000	15,000	170,000			(170,000)	(170,000)		
424005	Hopper Repairs	40,000										40,000			(40,000)	(40,000)		
424006	Interior pushwall repairs	40,000										40,000			(40,000)	(40,000)		
424007	Scalehouse Software Upgrade	14,000										14,000			(14,000)	(14,000)		
Total Replacement/State of Good Repair		109,000	15,000	15,000	25,000	15,000	15,000	15,000	25,000	15,000	15,000	264,000			(264,000)	(264,000)		
New/Enhanced Service																		
424004	Liquid Waste Containment Pad		80,000									80,000			(80,000)	(80,000)		
Total New/Enhanced Service			80,000									80,000			(80,000)	(80,000)		
Total Canborough Transfer Station		109,000	95,000	15,000	25,000	15,000	15,000	15,000	25,000	15,000	15,000	344,000			(344,000)	(344,000)		
Other Perpetual Care																		
Replacement/State of Good Repair																		
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)		
Total Replacement/State of Good Repair		5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	50,000			(50,000)	(50,000)		
New/Enhanced Service																		

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Environmental Services Stage: Council Approval Solid Waste Disposal	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Other Perpetual Care																	
429003 Closed Landfills - ESA Phase 1 & 2			82,500	81,000	85,500						249,000				(249,000)		(249,000)
Total New/Enhanced Service			82,500	81,000	85,500						249,000				(249,000)		(249,000)
Total Other Perpetual Care	5,000	5,000	87,500	86,000	90,500	5,000	5,000	5,000	5,000	5,000	299,000				(299,000)		(299,000)
Tom Howe Perpetual Care																	
Replacement/State of Good Repair																	
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		12,000	48,000		(27,200)		(20,800)		(48,000)
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)
428015 Software (SCADA)	14,300					14,300					28,600		(16,200)		(12,400)		(28,600)
428016 Desktops (SCADA)	1,500					1,500					3,000		(1,600)		(1,400)		(3,000)
428017 Landfill Gas Flare Shell/Insulation Replacement						22,000					22,000		(9,600)		(12,400)		(22,000)
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)
Total Replacement/State of Good Repair	334,000	10,550	10,000	22,000	10,000	59,000	22,550	10,000	10,000	22,000	510,100		(285,920)		(224,180)		(510,100)
New/Enhanced Service																	
428021 Leachate Management Program (TH)	48,000										48,000		(27,200)		(20,800)		(48,000)
Total New/Enhanced Service	48,000										48,000		(27,200)		(20,800)		(48,000)
Total Tom Howe Perpetual Care	382,000	10,550	10,000	22,000	10,000	59,000	22,550	10,000	10,000	22,000	558,100		(313,120)		(244,980)		(558,100)
Total Solid Waste Disposal	518,000	120,550	122,500	143,000	125,500	89,000	52,550	50,000	40,000	52,000	1,313,100		(376,920)		(936,180)		(1,313,100)

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



Haldimand
County

Health Services



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Health Services Stage: Council Approval	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debuture Financing	Total Financing
Caledonia Ambulance Base	1,867,400										1,867,400			(497,760)	(139,000)	(1,230,640)	(1,867,400)
Dunnville Ambulance Base						1,265,000					1,265,000				(5,000)	(1,260,000)	(1,265,000)
Paramedic Services Administration	28,000	265,000	301,300	115,000	64,500	28,000	271,000	233,100	94,000	44,000	1,443,900				(1,443,900)		(1,443,900)
Total Paramedic Services	1,895,400	265,000	301,300	115,000	64,500	1,293,000	271,000	233,100	94,000	44,000	4,576,300			(497,760)	(1,587,900)	(2,490,640)	(4,576,300)
Caledonia Cemeteries			70,000								70,000			(63,000)	(7,000)		(70,000)
Cayuga Cemeteries	100,000				200,000						300,000			(180,000)	(120,000)		(300,000)
Cemeteries Administration	25,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	340,000				(340,000)		(340,000)
Dunnville Cemeteries	55,000	2,000	72,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	143,000			(63,000)	(80,000)		(143,000)
Hagersville Cemeteries			70,000		25,000						95,000			(85,500)	(9,500)		(95,000)
Total Cemeteries	180,000	37,000	247,000	37,000	262,000	37,000	37,000	37,000	37,000	37,000	948,000			(391,500)	(556,500)		(948,000)
Total Health Services	2,075,400	302,000	548,300	152,000	326,500	1,330,000	308,000	270,100	131,000	81,000	5,524,300			(889,260)	(2,144,400)	(2,490,640)	(5,524,300)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Health Services Stage: Council Approval Paramedic Services		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
Caledonia Ambulance Base																			
Replacement/State of Good Repair																			
542002	Roof Replacement	134,000										134,000				(134,000)		(134,000)	
Total Replacement/State of Good Repair		134,000										134,000				(134,000)		(134,000)	
New/Enhanced Service																			
542001	Caledonia Paramedic Services Base	1,733,400										1,733,400			(497,760)	(5,000)	(1,230,640)	(1,733,400)	
Total New/Enhanced Service		1,733,400										1,733,400			(497,760)	(5,000)	(1,230,640)	(1,733,400)	
Total Caledonia Ambulance Base		1,867,400										1,867,400			(497,760)	(139,000)	(1,230,640)	(1,867,400)	
Dunnville Ambulance Base																			
Replacement/State of Good Repair																			
546002	Dunnville Paramedic Services Base						1,265,000					1,265,000				(5,000)	(1,260,000)	(1,265,000)	
Total Replacement/State of Good Repair							1,265,000					1,265,000				(5,000)	(1,260,000)	(1,265,000)	
Total Dunnville Ambulance Base							1,265,000					1,265,000				(5,000)	(1,260,000)	(1,265,000)	
Paramedic Services Administration																			
Replacement/State of Good Repair																			
541001	Paramedic Services - Medical Equip't Replacm't	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)	
541002	Defibrillator Replacement		208,000	173,300				208,000	173,300			762,600				(762,600)		(762,600)	
541003	Furniture/Appliances-Replacement	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	30,000				(30,000)		(30,000)	
541004	Power Stretchers Replacement		25,000	100,000	75,000							200,000				(200,000)		(200,000)	
541005	Stairchair Replacement		4,000		12,000	16,000				16,000	16,000	64,000				(64,000)		(64,000)	
541006	Public Access Automated External Defibrillator								31,800	50,000		81,800				(81,800)		(81,800)	
541010	FIT Testing Machine					20,500						20,500				(20,500)		(20,500)	
541011	Paramedic PPE Replacement							35,000				35,000				(35,000)		(35,000)	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Health Services Stage: Council Approval Paramedic Services	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Paramedic Services Administration																	
Total Replacement/State of Good Repair	28,000	265,000	301,300	115,000	64,500	28,000	271,000	233,100	94,000	44,000	1,443,900				(1,443,900)		(1,443,900)
Total Paramedic Services Administration	28,000	265,000	301,300	115,000	64,500	28,000	271,000	233,100	94,000	44,000	1,443,900				(1,443,900)		(1,443,900)
Total Paramedic Services	1,895,400	265,000	301,300	115,000	64,500	1,293,000	271,000	233,100	94,000	44,000	4,576,300			(497,760)	(1,587,900)	(2,490,640)	(4,576,300)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Health Services Stage: Council Approval Cemeteries	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Caledonia Cemeteries																	
New/Enhanced Service																	
562002 CAL - Columbarium & Pathways			70,000								70,000			(63,000)	(7,000)		(70,000)
Total New/Enhanced Service			70,000								70,000			(63,000)	(7,000)		(70,000)
Total Caledonia Cemeteries			70,000								70,000			(63,000)	(7,000)		(70,000)
Cayuga Cemeteries																	
New/Enhanced Service																	
565002 CAY - Expansion incl Columbarium					200,000						200,000			(180,000)	(20,000)		(200,000)
565003 CAY - Street Barnes Cemetery	100,000										100,000				(100,000)		(100,000)
Total New/Enhanced Service	100,000				200,000						300,000			(180,000)	(120,000)		(300,000)
Total Cayuga Cemeteries	100,000				200,000						300,000			(180,000)	(120,000)		(300,000)
Cemeteries Administration																	
Replacement/State of Good Repair																	
561001 GEN CEM - Cemetery & Headstone Restoration	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)
561003 GEN CEM - Bench/Garbage Receptacle Replacement		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	90,000				(90,000)		(90,000)
Total Replacement/State of Good Repair	25,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	340,000				(340,000)		(340,000)
Total Cemeteries Administration	25,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	340,000				(340,000)		(340,000)
Dunnville Cemeteries																	
Replacement/State of Good Repair																	
566003 DUNN - Lowbanks Cemetery Erosion Control	50,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	68,000				(68,000)		(68,000)
566005 DUNN-Riverside Cemetery Building Structural Assessment	5,000										5,000				(5,000)		(5,000)
Total Replacement/State of Good Repair	55,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	73,000				(73,000)		(73,000)
New/Enhanced Service																	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Health Services Stage: Council Approval Cemeteries	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Dunnville Cemeteries																	
566004 DUNN - Riverside Columbarium & Pathways			70,000								70,000			(63,000)	(7,000)		(70,000)
Total New/Enhanced Service			70,000								70,000			(63,000)	(7,000)		(70,000)
Total Dunnville Cemeteries	55,000	2,000	72,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	143,000			(63,000)	(80,000)		(143,000)
Hagersville Cemeteries																	
New/Enhanced Service																	
563002 HAG - Cemetery Survey/Layout/Drainage					25,000						25,000			(22,500)	(2,500)		(25,000)
563003 HAG - Columbarium & Pathways			70,000								70,000			(63,000)	(7,000)		(70,000)
Total New/Enhanced Service			70,000		25,000						95,000			(85,500)	(9,500)		(95,000)
Total Hagersville Cemeteries			70,000		25,000						95,000			(85,500)	(9,500)		(95,000)
Total Cemeteries	180,000	37,000	247,000	37,000	262,000	37,000	37,000	37,000	37,000	37,000	948,000			(391,500)	(556,500)		(948,000)

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



Haldimand
County

Social & Family Services



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Social & Family Services Stage: Council Approval	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
GVL - Administration	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)
GVL - Building & Property	3,962,250	129,500	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	4,227,750	(3,874,750)			(353,000)		(4,227,750)
GVL - Dietary Services	17,550	29,600	2,600	42,890	6,990	69,890	52,340	29,450	41,800	7,300	300,410				(300,410)		(300,410)
GVL - Housekeeping	105,000	126,500	111,500	114,550	87,050	89,550	108,050	77,250	57,450	93,900	970,800				(970,800)		(970,800)
GVL - Laundry & Linen	43,300	70,300	43,000			27,000	20,000	27,000			230,600				(230,600)		(230,600)
GVL - Nursing & Personal Care	26,980	7,470	13,770	12,270	13,980	7,470	13,770	12,270	13,980	7,470	129,430				(129,430)		(129,430)
GVL - Programs & Support	9,500	6,500	9,500	6,500	9,500	6,500	9,500	6,500	9,500	6,500	80,000				(80,000)		(80,000)
Total Grandview Lodge	4,165,780	371,070	198,570	194,410	135,720	218,610	221,860	170,670	140,930	133,370	5,950,990	(3,874,750)			(2,076,240)		(5,950,990)
Total Social & Family Services	4,165,780	371,070	198,570	194,410	135,720	218,610	221,860	170,670	140,930	133,370	5,950,990	(3,874,750)			(2,076,240)		(5,950,990)



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Social & Family Services Stage: Council Approval Grandview Lodge	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
GVL - Administration																	
Replacement/State of Good Repair																	
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)
Total Replacement/State of Good Repair	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)
Total GVL - Administration	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)
GVL - Building & Property																	
Replacement/State of Good Repair																	
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)
636003 Minor Roof Repairs	40,000	30,000									70,000				(70,000)		(70,000)
636008 GVL Roof Top Air Handling Unit Replacement Plan - Engineering, Procurement and Replacement	3,223,000										3,223,000	(3,223,000)					(3,223,000)
636013 Hearing Clinic Room Renovations	5,500										5,500				(5,500)		(5,500)
636016 Building Automation System Upgrades	25,000										25,000				(25,000)		(25,000)
636018 Replace Sanitary Pumping Station Duplex Pumps, Hardware and update controls	38,500										38,500	(38,500)					(38,500)
636019 CCTV/Security System & Infrastructure Upgrades	86,350										86,350	(86,350)					(86,350)
636021 Upgrade to Nurse Call System & Infrastructure	212,300										212,300	(212,300)					(212,300)
636022 Resident Home Area Washroom Toilets, Faucets & Required Valving	82,500	82,500									165,000	(82,500)			(82,500)		(165,000)
636023 Replace North End of Building - Flat Roof Section (Tie-In to Corridor)	17,600										17,600	(17,600)					(17,600)
636024 Replace/Reline Roofing System - Gutters	101,200										101,200	(101,200)					(101,200)
636026 Replace Original Building (1961) Sanitary Pumping System	11,000										11,000	(11,000)					(11,000)
636027 Replace Original Building (1961) Storm Pumping System	11,000										11,000	(11,000)					(11,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Social & Family Services Stage: Council Approval Grandview Lodge	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
GVL - Building & Property																	
636028 Replace Tempered Mixing Valves	17,600										17,600	(17,600)					(17,600)
Total Replacement/State of Good Repair	3,888,550	129,500	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	4,154,050	(3,801,050)			(353,000)		(4,154,050)
New/Enhanced Service																	
636020 WiFi Upgrades	49,500										49,500	(49,500)					(49,500)
636025 Install Ice Breakers/Snow Guarding on Metal Roofing - Entrance/Common Areas	24,200										24,200	(24,200)					(24,200)
Total New/Enhanced Service	73,700										73,700	(73,700)					(73,700)
Total GVL - Building & Property	3,962,250	129,500	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	4,227,750	(3,874,750)			(353,000)		(4,227,750)
GVL - Dietary Services																	
Replacement/State of Good Repair																	
632001 Galley Kitchen Toaster (1)				2,690	2,690	2,690	2,690				10,760				(10,760)		(10,760)
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)	1,800			1,800			1,800			1,800	7,200				(7,200)		(7,200)
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					13,000				(13,000)		(13,000)
632011 Main Kitchen Ice Machine (1)		6,100									6,100				(6,100)		(6,100)
632012 Food Processor (1)				6,300					6,300		12,600				(12,600)		(12,600)
632013 Mixer/Grinder (1)		13,000									13,000				(13,000)		(13,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Social & Family Services Stage: Council Approval Grandview Lodge	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
GVL - Dietary Services																	
632014 Stationary Kettle (1)	7,850										7,850				(7,850)		(7,850)
632015 Cambro Carts (4)	7,900	7,900									15,800				(15,800)		(15,800)
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)
Total Replacement/State of Good Repair	17,550	29,600	2,600	42,890	6,990	69,890	52,340	29,450	41,800	7,300	300,410				(300,410)		(300,410)
Total GVL - Dietary Services	17,550	29,600	2,600	42,890	6,990	69,890	52,340	29,450	41,800	7,300	300,410				(300,410)		(300,410)
GVL - Housekeeping																	
Replacement/State of Good Repair																	
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	10,750	107,500				(107,500)		(107,500)
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	151,900				(151,900)		(151,900)
634008 Ceiling Lift Carriages Replacement	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)
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	12,750	12,750	12,750							12,750	51,000				(51,000)		(51,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Social & Family Services Stage: Council Approval Grandview Lodge	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
GVL - Housekeeping																	
634014 Walk Behind Vacuum	3,500						3,500	3,500			10,500				(10,500)		(10,500)
634015 Floor Scrubber				12,000							12,000				(12,000)		(12,000)
Total Replacement/State of Good Repair	89,500	111,000	96,000	99,050	87,050	87,050	105,550	74,750	57,450	93,900	901,300				(901,300)		(901,300)
New/Enhanced Service																	
634006 Ceiling Lifts/Tracks, Carriage for Beds	15,500	15,500	15,500	15,500							62,000				(62,000)		(62,000)
634007 Outdoor Furniture						2,500	2,500	2,500			7,500				(7,500)		(7,500)
Total New/Enhanced Service	15,500	15,500	15,500	15,500		2,500	2,500	2,500			69,500				(69,500)		(69,500)
Total GVL - Housekeeping	105,000	126,500	111,500	114,550	87,050	89,550	108,050	77,250	57,450	93,900	970,800				(970,800)		(970,800)
GVL - Laundry & Linen																	
Replacement/State of Good Repair																	
635001 Industrial Washer		27,000	27,000			27,000		27,000			108,000				(108,000)		(108,000)
635003 Privacy & Window Curtains and Bedspreads	23,300	23,300	16,000								62,600				(62,600)		(62,600)
635004 Industrial Dryer	20,000	20,000					20,000				60,000				(60,000)		(60,000)
Total Replacement/State of Good Repair	43,300	70,300	43,000			27,000	20,000	27,000			230,600				(230,600)		(230,600)
Total GVL - Laundry & Linen	43,300	70,300	43,000			27,000	20,000	27,000			230,600				(230,600)		(230,600)
GVL - Nursing & Personal Care																	
Replacement/State of Good Repair																	
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	3,150	3,150	3,150	3,150	3,150	3,150	3,150	3,150	3,150	3,150	31,500				(31,500)		(31,500)
633003 Nursing Treatment Cart (2)			4,800	4,800			4,800	4,800			19,200				(19,200)		(19,200)
633004 Sanitizer for Equipment	13,000										13,000				(13,000)		(13,000)
633007 PSW Care Carts (2)			1,500				1,500				3,000				(3,000)		(3,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Social & Family Services Stage: Council Approval Grandview Lodge	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
GVL - Nursing & Personal Care																	
633008 Intravenous Pumps	6,510				6,510				6,510		19,530				(19,530)		(19,530)
Total Replacement/State of Good Repair	26,980	7,470	13,770	12,270	13,980	7,470	13,770	12,270	13,980	7,470	129,430				(129,430)		(129,430)
Total GVL - Nursing & Personal Care	26,980	7,470	13,770	12,270	13,980	7,470	13,770	12,270	13,980	7,470	129,430				(129,430)		(129,430)
GVL - Programs & Support																	
Replacement/State of Good Repair																	
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)
631003 Door Coverings	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	55,000				(55,000)		(55,000)
Total Replacement/State of Good Repair	9,500	6,500	9,500	6,500	9,500	6,500	9,500	6,500	9,500	6,500	80,000				(80,000)		(80,000)
Total GVL - Programs & Support	9,500	6,500	9,500	6,500	9,500	6,500	9,500	6,500	9,500	6,500	80,000				(80,000)		(80,000)
Total Grandview Lodge	4,165,780	371,070	198,570	194,410	135,720	218,610	221,860	170,670	140,930	133,370	5,950,990	(3,874,750)			(2,076,240)		(5,950,990)

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



Haldimand
County

Recreation &
Cultural Services



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Caledonia Parks	125,000	40,000	15,000	100,000	400,000	120,000		20,000			820,000				(820,000)		(820,000)
Cayuga Parks	30,000			400,000	150,000						580,000		(284,000)		(296,000)		(580,000)
Dunnville Parks	420,000	250,000		472,000	125,000	175,000					1,442,000				(1,442,000)		(1,442,000)
General Parks	5,000	68,000	68,000	68,000	68,000	68,000	68,000	68,000	68,000	68,000	617,000		(50,000)	(405,000)	(162,000)		(617,000)
Hagersville Parks	70,000		92,000	80,000	400,000						642,000		(284,000)		(358,000)		(642,000)
Nanticoke Parks	242,000	405,000									647,000				(647,000)		(647,000)
Trails and Pathways	20,000	20,000	20,000	740,000	20,000	20,000	20,000	20,000	20,000	20,000	920,000			(720,000)	(200,000)		(920,000)
Total Parks	912,000	783,000	195,000	1,860,000	1,163,000	383,000	88,000	108,000	88,000	88,000	5,668,000		(618,000)	(1,125,000)	(3,925,000)		(5,668,000)
Community Development & Partnerships	112,500										112,500				(112,500)		(112,500)
Total Community Development and Partnerships	112,500										112,500				(112,500)		(112,500)
Community Partnership Program	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000				(1,500,000)		(1,500,000)
Total Community Partnership Program	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000				(1,500,000)		(1,500,000)
Cayuga Memorial Arena	125,000	75,000	122,000	22,000	26,000	60,000	15,000	10,000	10,000	38,000	503,000				(503,000)		(503,000)
Dunnville Memorial Arena	95,000	115,000	22,000	110,000	41,000	30,000	55,000	10,000	10,000	26,000	514,000				(514,000)		(514,000)
General Arenas	65,000	60,000	50,000	75,000	50,000	65,000	50,000	50,000	75,000	50,000	590,000				(590,000)		(590,000)
Hagersville Arena	40,000	40,000	20,000	12,000	563,000	10,000		20,000	10,000	5,000	720,000				(720,000)		(720,000)
Haldimand County Caledonia Centre	40,000	401,500	557,000	20,000	97,000	32,000		26,000	32,000	77,000	1,282,500				(1,282,500)		(1,282,500)
Total Arenas	365,000	691,500	771,000	239,000	777,000	197,000	120,000	116,000	137,000	196,000	3,609,500				(3,609,500)		(3,609,500)
Caledonia Pools	75,000		36,000	25,000	75,000		15,000	20,000	32,000		278,000				(278,000)		(278,000)
Dunnville Pools	25,000	680,000	50,000	5,000		150,000					910,000				(910,000)		(910,000)
Hagersville Pools				530,000	75,000	150,000					755,000				(755,000)		(755,000)
Total Pools	100,000	680,000	86,000	560,000	150,000	300,000	15,000	20,000	32,000		1,943,000				(1,943,000)		(1,943,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Community Halls Partnership Program	633,500	90,000	62,700	4,582,100	97,800	440,000	225,000	50,000	50,000	50,000	6,281,100		(453,720)	(4,083,480)	(1,743,900)		(6,281,100)
Total Community Halls Partnership Program	633,500	90,000	62,700	4,582,100	97,800	440,000	225,000	50,000	50,000	50,000	6,281,100		(453,720)	(4,083,480)	(1,743,900)		(6,281,100)
Caledonia Library	159,710	48,410	132,910	53,210	109,410	48,410	48,410	68,910	48,410	48,410	766,200			(23,600)	(742,600)		(766,200)
Cayuga Library	25,400	21,900	21,900	21,900	21,900	21,900	21,900	21,900	30,600	21,900	231,200			(23,600)	(207,600)		(231,200)
Dunnville Library	335,630	49,030	49,030	52,530	54,230	49,030	49,030	84,930	49,030	49,030	821,500			(23,600)	(797,900)		(821,500)
Hagersville Library	25,300	26,500	25,300	5,821,000	25,300	28,200	25,300	28,800	25,300	25,300	6,056,300		(578,620)	(804,350)	(249,400)	(4,423,930)	(6,056,300)
Jarvis Library	24,200	37,200	31,200	24,700	26,200	24,200	33,200	48,700	24,200	31,700	305,500			(23,600)	(281,900)		(305,500)
Library Administration	25,000	5,000	5,000	5,000	5,000	25,000	5,000	5,000	5,000	5,000	90,000				(90,000)		(90,000)
Library Branches	18,000							18,000			36,000				(36,000)		(36,000)
Selkirk Library	21,750	22,950	21,750	21,750	25,750	21,750	31,250	25,250	21,750	24,650	238,600			(23,600)	(215,000)		(238,600)
Total Libraries	634,990	210,990	287,090	6,000,090	267,790	218,490	214,090	301,490	204,290	205,990	8,545,300		(578,620)	(922,350)	(2,620,400)	(4,423,930)	(8,545,300)
Edinburgh Square	61,000	336,600									397,600				(397,600)		(397,600)
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	125,000			9,500							134,500				(134,500)		(134,500)
Total Cultural Services	191,000	341,600	5,000	14,500	5,000	5,000	5,000	5,000	5,000	5,000	582,100				(582,100)		(582,100)
Total Recreation & Cultural Services	3,098,990	2,947,090	1,556,790	13,405,690	2,610,590	1,693,490	817,090	750,490	666,290	694,990	28,241,500		(1,650,340)	(6,130,830)	(16,036,400)	(4,423,930)	(28,241,500)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval Parks	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Caledonia Parks																	
Replacement/State of Good Repair																	
722010 CAL - Williamson Woods Playground Replacement	125,000										125,000				(125,000)		(125,000)
722011 CAL - Kinsmen Mill Race cleanup			15,000			15,000					30,000				(30,000)		(30,000)
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)
Total Replacement/State of Good Repair	125,000	40,000	15,000	100,000	400,000	120,000		20,000			820,000				(820,000)		(820,000)
Total Caledonia Parks	125,000	40,000	15,000	100,000	400,000	120,000		20,000			820,000				(820,000)		(820,000)
Cayuga Parks																	
Replacement/State of Good Repair																	
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)
Total Replacement/State of Good Repair	30,000			400,000	150,000						580,000		(284,000)		(296,000)		(580,000)
Total Cayuga Parks	30,000			400,000	150,000						580,000		(284,000)		(296,000)		(580,000)



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval Parks	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Dunnville Parks																	
Replacement/State of Good Repair																	
726011 DUNN - Canborough Playground Replacement	20,000										20,000				(20,000)		(20,000)
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)
726021 Dun - Lions Park Pavilion Roof Replacement	40,000										40,000				(40,000)		(40,000)
726024 DUNN - Pt Maitland West Boat Launch	310,000										310,000				(310,000)		(310,000)
729004 DUNN - Pt. Maitland Dock Replacement	50,000										50,000				(50,000)		(50,000)
Total Replacement/State of Good Repair	420,000	250,000		472,000	125,000	125,000					1,392,000				(1,392,000)		(1,392,000)
New/Enhanced Service																	
726013 DUNN - Lions Park Fence						50,000					50,000				(50,000)		(50,000)
Total New/Enhanced Service						50,000					50,000				(50,000)		(50,000)
Total Dunnville Parks	420,000	250,000		472,000	125,000	175,000					1,442,000				(1,442,000)		(1,442,000)
General Parks																	
Replacement/State of Good Repair																	
721014 GEN PARK - Bench/Garbage Receptacle Replacement		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	90,000				(90,000)		(90,000)
721015 GEN Park - Picnic Table Replacement		3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	27,000				(27,000)		(27,000)
Total Replacement/State of Good Repair		13,000	13,000	13,000	13,000	13,000	13,000	13,000	13,000	13,000	117,000				(117,000)		(117,000)
New/Enhanced Service																	
721001 GEN PARK - Memorial Benches	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	50,000		(50,000)				(50,000)
721013 GEN PARK - Park Development & Master Plan Init's		50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	450,000			(405,000)	(45,000)		(450,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval Parks	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
General Parks																	
Total New/Enhanced Service	5,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	500,000		(50,000)	(405,000)	(45,000)		(500,000)
Total General Parks	5,000	68,000	68,000	68,000	68,000	68,000	68,000	68,000	68,000	68,000	617,000		(50,000)	(405,000)	(162,000)		(617,000)
Hagersville Parks																	
Replacement/State of Good Repair																	
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)
723012 Repairs to Skatepark apparatus	40,000										40,000				(40,000)		(40,000)
Total Replacement/State of Good Repair	70,000		92,000	80,000	400,000						642,000		(284,000)		(358,000)		(642,000)
Total Hagersville Parks	70,000		92,000	80,000	400,000						642,000		(284,000)		(358,000)		(642,000)
Nanticoke Parks																	
Replacement/State of Good Repair																	
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)
Total Replacement/State of Good Repair	7,000	350,000									357,000				(357,000)		(357,000)
New/Enhanced Service																	
727008 Jarvis Meadow Pathway/trail		55,000									55,000				(55,000)		(55,000)
727011 NANT - Selkirk Boat Launch Feasibility Study/Engineering	235,000										235,000				(235,000)		(235,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval Parks	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Nanticoke Parks																	
Total New/Enhanced Service	235,000	55,000									290,000				(290,000)		(290,000)
Total Nanticoke Parks	242,000	405,000									647,000				(647,000)		(647,000)
Trails and Pathways																	
Replacement/State of Good Repair																	
721002 Trails-Capital Maintenance	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)
Total Replacement/State of Good Repair	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)
New/Enhanced Service																	
725008 River Rd - On-Route Cycling Lane - Hwy 3 to Sutor [R] [SS]				720,000							720,000			(720,000)			(720,000)
Total New/Enhanced Service				720,000							720,000			(720,000)			(720,000)
Total Trails and Pathways	20,000	20,000	20,000	740,000	20,000	20,000	20,000	20,000	20,000	20,000	920,000			(720,000)	(200,000)		(920,000)
Total Parks	912,000	783,000	195,000	1,860,000	1,163,000	383,000	88,000	108,000	88,000	88,000	5,668,000		(618,000)	(1,125,000)	(3,925,000)		(5,668,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Community Development and Partnerships	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030							
Community Development & Partnerships																	
New/Enhanced Service																	
791004 Picnic Tables-Additional Stock	2,500										2,500			(2,500)		(2,500)	
791009 Recreation Facility Development Strategy	110,000										110,000			(110,000)		(110,000)	
Total New/Enhanced Service	112,500										112,500			(112,500)		(112,500)	
Total Community Development & Partnerships	112,500										112,500			(112,500)		(112,500)	
Total Community Development and Partnerships	112,500										112,500			(112,500)		(112,500)	

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



HALDIMAND COUNTY
2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Community Partnership Program																	
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030							
Community Partnership Program																	
New/Enhanced Service																	
705001 Annual Community Partnership Capital Projects	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000				(1,500,000)	(1,500,000)
Total New/Enhanced Service	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000				(1,500,000)	(1,500,000)
Total Community Partnership Program	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000				(1,500,000)	(1,500,000)
Total Community Partnership Program	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000				(1,500,000)	(1,500,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services
Stage: Council Approval
Arenas

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing							
Cayuga Memorial Arena																								
Replacement/State of Good Repair																								
745001	CAY - Ice Resurfacers HW Heater/Tank Replc.					16,000					16,000	32,000			(32,000)		(32,000)							
745002	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	24,000				(24,000)		(24,000)							
745008	CAY - Refrig Computer Equip Repl										40,000				(40,000)		(40,000)							
745009	CAY - Replace Hand Dryers										20,000				(20,000)		(20,000)							
745010	20,000	CAY - Arena Chiller Gasket Replacements															20,000			(20,000)		(20,000)		
745011	30,000	CAY - Arena Condenser Drum Replacement															30,000			(30,000)		(30,000)		
745012	20,000	CAY - Arena Glycol Pump & Motor Replacement															20,000			(20,000)		(20,000)		
745013	5,000	CAY - Arena Cond. Water Line Valve Replacement															5,000			(5,000)		(5,000)		
745014	40,000	CAY - Arena HW Heater Replacements					40,000					80,000				(80,000)		(80,000)						
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)							
Total Replacement/State of Good Repair											125,000	75,000	122,000	22,000	26,000	60,000	15,000	10,000	10,000	38,000	503,000		(503,000)	(503,000)
Total Cayuga Memorial Arena											125,000	75,000	122,000	22,000	26,000	60,000	15,000	10,000	10,000	38,000	503,000		(503,000)	(503,000)
Dunnville Memorial Arena																								
Replacement/State of Good Repair																								
746001	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 Resurfacers HW Heater/Tank Replc.					16,000					16,000	32,000			(32,000)		(32,000)							

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval Arenas	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Dunnville Memorial Arena																	
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.		40,000					40,000				80,000				(80,000)		(80,000)
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)
746025 DUNN - Arena Glycol Pump & Motor Replacement	20,000										20,000				(20,000)		(20,000)
Total Replacement/State of Good Repair	95,000	115,000	22,000	110,000	41,000	30,000	55,000	10,000	10,000	26,000	514,000				(514,000)		(514,000)
Total Dunnville Memorial Arena	95,000	115,000	22,000	110,000	41,000	30,000	55,000	10,000	10,000	26,000	514,000				(514,000)		(514,000)
General Arenas																	
Replacement/State of Good Repair																	
741001 ARENA ADMIN - Digital Display Replacement	15,000			25,000		15,000			25,000		80,000				(80,000)		(80,000)
741002 ARENA ADMIN - IP Security Camera Replc.	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000				(500,000)		(500,000)
741003 GEN ARENA - Table & Chair Replacements		10,000									10,000				(10,000)		(10,000)
Total Replacement/State of Good Repair	65,000	60,000	50,000	75,000	50,000	65,000	50,000	50,000	75,000	50,000	590,000				(590,000)		(590,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval Arenas	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Total General Arenas	65,000	60,000	50,000	75,000	50,000	65,000	50,000	50,000	75,000	50,000	590,000				(590,000)		(590,000)
Hagersville Arena																	
Replacement/State of Good Repair																	
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		60,000				(60,000)		(60,000)
743009 HAG - Structural Inspection					5,000					5,000	10,000				(10,000)		(10,000)
743010 HAG - Concession Equipment Replacements					8,000						8,000				(8,000)		(8,000)
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 Resurfacer 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)
Total Replacement/State of Good Repair	40,000	40,000	20,000	12,000	563,000	10,000		20,000	10,000	5,000	720,000				(720,000)		(720,000)
Total Hagersville Arena	40,000	40,000	20,000	12,000	563,000	10,000		20,000	10,000	5,000	720,000				(720,000)		(720,000)
Haldimand County Caledonia Centre																	
Replacement/State of Good Repair																	
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					56,000					56,000	112,000				(112,000)		(112,000)
744005 HCCC - Arena Scoreboard Replacements				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

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval Arenas	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Haldimand County Caledonia Centre																	
744017 HCCC - Arena Compressor Rebuilds		20,000	20,000		20,000	20,000		20,000	20,000		120,000				(120,000)		(120,000)
744020 HCCC - Washroom Partition Replacement			75,000								75,000				(75,000)		(75,000)
744022 HCCC - Arena Floor Scrubber Replc			12,000			12,000			12,000		36,000				(36,000)		(36,000)
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)
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)
744029 HCCC - Ice Making Water Trtmt Syst. Replc	40,000										40,000				(40,000)		(40,000)
744032 HCCC- Garden Redevelopment		40,000									40,000				(40,000)		(40,000)
Total Replacement/State of Good Repair	40,000	401,500	557,000	20,000	97,000	32,000		26,000	32,000	77,000	1,282,500				(1,282,500)		(1,282,500)
Total Haldimand County Caledonia Centre	40,000	401,500	557,000	20,000	97,000	32,000		26,000	32,000	77,000	1,282,500				(1,282,500)		(1,282,500)
Total Arenas	365,000	691,500	771,000	239,000	777,000	197,000	120,000	116,000	137,000	196,000	3,609,500				(3,609,500)		(3,609,500)



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval Pools	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Caledonia Pools																	
Replacement/State of Good Repair																	
762001 CAL - Splash Pad Controller & Housing			20,000					20,000			40,000				(40,000)		(40,000)
762004 CAL - Ultraviolet Units									32,000		32,000				(32,000)		(32,000)
762005 CAL - Replace Pool Filter & Sand				5,000			15,000				20,000				(20,000)		(20,000)
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)
762010 Cal Pool Replace Canopies	75,000										75,000				(75,000)		(75,000)
Total Replacement/State of Good Repair	75,000		36,000	25,000	75,000		15,000	20,000	32,000		278,000				(278,000)		(278,000)
Total Caledonia Pools	75,000		36,000	25,000	75,000		15,000	20,000	32,000		278,000				(278,000)		(278,000)
Dunnville Pools																	
Replacement/State of Good Repair																	
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)
Total Replacement/State of Good Repair	25,000	680,000	50,000	5,000		150,000					910,000				(910,000)		(910,000)
Total Dunnville Pools	25,000	680,000	50,000	5,000		150,000					910,000				(910,000)		(910,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval Pools	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Hagersville Pools																	
Replacement/State of Good Repair																	
763005 HAG - Sandblast & Repaint Pool Bowls					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)
Total Replacement/State of Good Repair				530,000	75,000	150,000					755,000				(755,000)		(755,000)
Total Hagersville Pools				530,000	75,000	150,000					755,000				(755,000)		(755,000)
Total Pools	100,000	680,000	86,000	560,000	150,000	300,000	15,000	20,000	32,000		1,943,000				(1,943,000)		(1,943,000)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Community Halls Partnership Program	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030							
Community Halls Partnership Program																	
Replacement/State of Good Repair																	
750003	Comm. Centres - Roofing Repairs	22,700	22,700	22,700	22,700	22,700	30,000	30,000	30,000	30,000	30,000	263,500			(263,500)	(263,500)	
750013	Comm. Centres - Emergency Capital Repairs	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	200,000			(200,000)	(200,000)	
750042	Cayuga Kins. CC - Parking Lot Repl.						260,000					260,000			(260,000)	(260,000)	
750043	Rainham CC - Roof/Siding Replacement	250,000										250,000			(250,000)	(250,000)	
750047	Cheapside C C - Replace Floor Joists		47,300									47,300			(47,300)	(47,300)	
750048	Jarvis CC - Upgrade Vent Hoods & Suppression System						100,000					100,000			(100,000)	(100,000)	
750051	Canfield Community Hall - Roof Replacement					35,100						35,100			(35,100)	(35,100)	
750052	Cayuga Senior Centre Asbestos Management	18,000										18,000			(18,000)	(18,000)	
750053	Jarvis Community Centre Asbestos Management	22,400										22,400			(22,400)	(22,400)	
750054	Kohler Agricultural Community Centre Asbestos Management	59,700										59,700			(59,700)	(59,700)	
750055	Seneca Centennial Community Centre Asbestos Management	50,700										50,700			(50,700)	(50,700)	
750058	Building Condition Assessments (BCA) - Community Halls	30,000					30,000					60,000			(60,000)	(60,000)	
750059	Cayuga Kinsmen Hall (Lower Hall) HVAC Replacement	10,000										10,000			(10,000)	(10,000)	
750060	Jarvis Community Centre HVAC Replacement	150,000										150,000			(150,000)	(150,000)	
750061	Canfield Community Hall HVAC Replacement			20,000								20,000			(20,000)	(20,000)	
750062	Cheapside Community Centre HVAC Replacement					10,000						10,000			(10,000)	(10,000)	
750063	Hagersville Community Centre HVAC Replacement					10,000						10,000			(10,000)	(10,000)	
750064	Selkirk Community Centre HVAC Replacement						125,000					125,000			(125,000)	(125,000)	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Community Halls Partnership Program																	
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030							
Community Halls Partnership Program																	
750065 Selkirk Community Centre - HVAC Units (2) Replacement							50,000				50,000				(50,000)	(50,000)	
Total Replacement/State of Good Repair	633,500	90,000	62,700	42,700	97,800	440,000	225,000	50,000	50,000	50,000	1,741,700			(1,741,700)	(1,741,700)		
New/Enhanced Service																	
750057 Hagersville Active Living Centre				4,539,400							4,539,400		(453,720)	(4,083,480)	(2,200)	(4,539,400)	
Total New/Enhanced Service				4,539,400							4,539,400		(453,720)	(4,083,480)	(2,200)	(4,539,400)	
Total Community Halls Partnership Program	633,500	90,000	62,700	4,582,100	97,800	440,000	225,000	50,000	50,000	50,000	6,281,100		(453,720)	(4,083,480)	(1,743,900)	(6,281,100)	
Total Community Halls Partnership Program	633,500	90,000	62,700	4,582,100	97,800	440,000	225,000	50,000	50,000	50,000	6,281,100		(453,720)	(4,083,480)	(1,743,900)	(6,281,100)	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval Libraries	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debtenture Financing	Total Financing
Caledonia Library																	
Replacement/State of Good Repair																	
772002 Caledonia - 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 Caledonia Library - HVAC Units (2)	80,000										80,000				(80,000)		(80,000)
772007 Caledonia - Photocopier - Replacement								3,500			3,500				(3,500)		(3,500)
772009 Caledonia - Carpeting			69,000								69,000				(69,000)		(69,000)
772010 Caledonia - Security Camera System - Replacement	17,000							17,000			34,000				(34,000)		(34,000)
772011 Caledonia - Tile Floors Replaced	7,500										7,500				(7,500)		(7,500)
772012 Caledonia - Fireplace Area Furniture	5,000										5,000				(5,000)		(5,000)
772013 Caledonia - Replacement Lighting					41,000						41,000				(41,000)		(41,000)
772014 Caledonia - 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)
772017 Caledonia - Exterior Book Drop					14,000						14,000				(14,000)		(14,000)
772018 Caledonia - Book Carts (5)				4,800							4,800				(4,800)		(4,800)
772019 Caledonia - Window Ledge Laminate Replacement	1,800										1,800				(1,800)		(1,800)
Total Replacement/State of Good Repair	157,110	45,810	130,310	50,610	106,810	45,810	45,810	66,310	45,810	45,810	740,200				(740,200)		(740,200)
New/Enhanced Service																	
772001 Caledonia - 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)
Total New/Enhanced Service	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)
Total Caledonia Library	159,710	48,410	132,910	53,210	109,410	48,410	48,410	68,910	48,410	48,410	766,200			(23,600)	(742,600)		(766,200)
Cayuga Library																	
Replacement/State of Good Repair																	
775003 Cayuga - 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)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval Libraries	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Future Financing	Total Financing
Cayuga Library																	
775005 Cayuga - Photocopier	3,500								3,500		7,000				(7,000)		(7,000)
775006 Cayuga - Facility-wide painting									5,200		5,200				(5,200)		(5,200)
Total Replacement/State of Good Repair	22,800	19,300	19,300	19,300	19,300	19,300	19,300	19,300	28,000	19,300	205,200				(205,200)		(205,200)
New/Enhanced Service																	
775002 Cayuga - 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)
Total New/Enhanced Service	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)
Total Cayuga Library	25,400	21,900	21,900	21,900	21,900	21,900	21,900	21,900	30,600	21,900	231,200			(23,600)	(207,600)		(231,200)
Dunnville Library																	
Replacement/State of Good Repair																	
776003 Dunnville - 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)
776009 Dunnville - Ceiling Repairs	2,800										2,800				(2,800)		(2,800)
776010 Dunnville Library Elevator Replacement	250,000										250,000				(250,000)		(250,000)
776011 Dunnville - Security Camera System - Replacement	17,000							17,000			34,000				(34,000)		(34,000)
776012 Dunnville - Networkable Photocopier				3,500							3,500				(3,500)		(3,500)
776013 Dunnville - Meeting Room Tables and Chairs (Replacement)					5,200						5,200				(5,200)		(5,200)
776014 Dunnville - Facility Painting								18,900			18,900				(18,900)		(18,900)
776016 Dunnville - Landscaping & Garden Redesign	16,800										16,800				(16,800)		(16,800)
Total Replacement/State of Good Repair	333,030	46,430	46,430	49,930	51,630	46,430	46,430	82,330	46,430	46,430	795,500				(795,500)		(795,500)
New/Enhanced Service																	
776002 Dunnville - 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)
Total New/Enhanced Service	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)
Total Dunnville Library	335,630	49,030	49,030	52,530	54,230	49,030	49,030	84,930	49,030	49,030	821,500			(23,600)	(797,900)		(821,500)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval Libraries											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
2021	2022	2023	2024	2025	2026	2027	2028	2029	2030									
Hagersville Library																		
Replacement/State of Good Repair																		
773002	Hagersville - 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			5,786,200								5,786,200	(578,620)	(780,750)	(2,900)	(4,423,930)		
773004	Hagersville - Photocopier - Replacement						3,500					3,500			(3,500)	(3,500)		
773005	Hagersville - Task Chairs: Staff		1,200									1,200			(1,200)	(1,200)		
773006	Hagersville - Exterior Book Drop			9,500								9,500			(9,500)	(9,500)		
773007	Hagersville - Book Carts (3)					2,900						2,900			(2,900)	(2,900)		
Total Replacement/State of Good Repair		22,700	23,900	22,700	5,818,400	22,700	25,600	22,700	26,200	22,700	22,700	6,030,300		(578,620)	(780,750)	(247,000)	(4,423,930)	(6,030,300)
New/Enhanced Service																		
773001	Hagersville - 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)	
Total New/Enhanced Service		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)	
Total Hagersville Library		25,300	26,500	25,300	5,821,000	25,300	28,200	25,300	28,800	25,300	25,300	6,056,300		(578,620)	(804,350)	(249,400)	(4,423,930)	(6,056,300)
Jarvis Library																		
Replacement/State of Good Repair																		
774001	Jarvis - 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)		
774008	Jarvis - Photocopier		3,500									7,000			(7,000)	(7,000)		
774009	Jarvis - HVAC Replacement						15,000					15,000			(15,000)	(15,000)		
774010	Jarvis - Facility-wide Painting						9,500					9,500			(9,500)	(9,500)		
774012	Jarvis - HVAC Fencing					9,000						9,000			(9,000)	(9,000)		
774013	Jarvis - Exterior Painting - Window and Door Trim			6,000								6,000			(6,000)	(6,000)		
774014	Jarvis - Parking Lot Lines Painting			1,000								1,000			(1,000)	(1,000)		
774015	Jarvis - Hot Water Heater Replacement									1,100		1,100			(1,100)	(1,100)		

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



HALDIMAND COUNTY
2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval Libraries	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Jarvis Library																	
774017 Jarvis - Refrigerator Replacement				500							500				(500)		(500)
774018 Jarvis - Task Chairs: Staff					2,000						2,000				(2,000)		(2,000)
774019 Jarvis - Exterior Book Drop		9,500									9,500				(9,500)		(9,500)
774020 Jarvis - Book Carts (3)										2,900	2,900				(2,900)		(2,900)
Total Replacement/State of Good Repair	21,600	34,600	28,600	22,100	23,600	21,600	30,600	46,100	21,600	29,100	279,500				(279,500)		(279,500)
New/Enhanced Service																	
774002 Jarvis - 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)
Total New/Enhanced Service	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)
Total Jarvis Library	24,200	37,200	31,200	24,700	26,200	24,200	33,200	48,700	24,200	31,700	305,500			(23,600)	(281,900)		(305,500)
Library Administration																	
Replacement/State of Good Repair																	
771001 All Branches - 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)
771005 Building Condition Assessments (BCA) - Libraries	20,000					20,000					40,000				(40,000)		(40,000)
Total Replacement/State of Good Repair	25,000	5,000	5,000	5,000	5,000	25,000	5,000	5,000	5,000	5,000	90,000				(90,000)		(90,000)
Total Library Administration	25,000	5,000	5,000	5,000	5,000	25,000	5,000	5,000	5,000	5,000	90,000				(90,000)		(90,000)
Library Branches																	
New/Enhanced Service																	
771004 All Branches - Laptops for Public Loans	18,000							18,000			36,000				(36,000)		(36,000)
Total New/Enhanced Service	18,000							18,000			36,000				(36,000)		(36,000)
Total Library Branches	18,000							18,000			36,000				(36,000)		(36,000)
Selkirk Library																	
Replacement/State of Good Repair																	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval Libraries	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debt/Debture Financing	Total Financing
Selkirk Library																	
778001 Selkirk - 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 Selkirk - Photocopier								3,500			3,500				(3,500)		(3,500)
778006 Selkirk - Facility-wide Painting					4,000						4,000				(4,000)		(4,000)
778008 Selkirk - Task Chairs: Staff		1,200									1,200				(1,200)		(1,200)
778009 Selkirk - Book Carts (3)										2,900	2,900				(2,900)		(2,900)
778010 Selkirk - Exterior Book Drop							9,500				9,500				(9,500)		(9,500)
Total Replacement/State of Good Repair	19,150	20,350	19,150	19,150	23,150	19,150	28,650	22,650	19,150	22,050	212,600				(212,600)		(212,600)
New/Enhanced Service																	
778002 Selkirk - 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)
Total New/Enhanced Service	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)
Total Selkirk Library	21,750	22,950	21,750	21,750	25,750	21,750	31,250	25,250	21,750	24,650	238,600			(23,600)	(215,000)		(238,600)
Total Libraries	634,990	210,990	287,090	6,000,090	267,790	218,490	214,090	301,490	204,290	205,990	8,545,300		(578,620)	(922,350)	(2,620,400)	(4,423,930)	(8,545,300)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Recreation & Cultural Services Stage: Council Approval Cultural Services	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Edinburgh Square																	
Replacement/State of Good Repair																	
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)
Total Replacement/State of Good Repair	61,000	336,600									397,600				(397,600)		(397,600)
Total Edinburgh Square	61,000	336,600									397,600				(397,600)		(397,600)
Heritage & Culture General																	
Replacement/State of Good Repair																	
781001 General Repairs/Maintenance	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	50,000				(50,000)		(50,000)
Total Replacement/State of Good Repair	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	50,000				(50,000)		(50,000)
Total Heritage & Culture General	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	50,000				(50,000)		(50,000)
W. M. Memorial School Museum																	
Replacement/State of Good Repair																	
784010 Roof Replacement	125,000										125,000				(125,000)		(125,000)
784011 Painting: Exterior and Shutter Repair				9,500							9,500				(9,500)		(9,500)
Total Replacement/State of Good Repair	125,000			9,500							134,500				(134,500)		(134,500)
Total W. M. Memorial School Museum	125,000			9,500							134,500				(134,500)		(134,500)
Total Cultural Services	191,000	341,600	5,000	14,500	5,000	5,000	5,000	5,000	5,000	5,000	582,100				(582,100)		(582,100)

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



Haldimand
County

Planning & Development



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Planning and Development Stage: Council Approval	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Planning & Zoning		150,000	80,000	75,000	84,000		150,000	55,000		89,000	683,000			(294,000)	(389,000)		(683,000)
Total Planning & Zoning		150,000	80,000	75,000	84,000		150,000	55,000		89,000	683,000			(294,000)	(389,000)		(683,000)
Tourism	6,400	112,400	26,400	6,400	6,400	6,400	71,400	98,400	6,400	6,400	347,000		(34,000)		(313,000)		(347,000)
Total Economic Development and Tourism	6,400	112,400	26,400	6,400	6,400	6,400	71,400	98,400	6,400	6,400	347,000		(34,000)		(313,000)		(347,000)
Tree Conservation & Reforestation	702,900	830,000	700,000	700,000	600,000	550,000	450,000	450,000	450,000	450,000	5,882,900				(5,882,900)		(5,882,900)
Total Tree Conservation & Reforestation	702,900	830,000	700,000	700,000	600,000	550,000	450,000	450,000	450,000	450,000	5,882,900				(5,882,900)		(5,882,900)
Total Planning and Development	709,300	1,092,400	806,400	781,400	690,400	556,400	671,400	603,400	456,400	545,400	6,912,900		(34,000)	(294,000)	(6,584,900)		(6,912,900)

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Planning and Development Stage: Council Approval Planning & Zoning		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing	
Planning & Zoning																			
Replacement/State of Good Repair																			
812007	OP 5 yr. Review & Places to Grow Update					70,000					75,000	145,000				(145,000)		(145,000)	
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)	
Total Replacement/State of Good Repair			150,000		75,000	84,000					89,000	398,000			(37,500)	(360,500)		(398,000)	
New/Enhanced Service																			
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)	
Total New/Enhanced Service				80,000				150,000	55,000			285,000			(256,500)	(28,500)		(285,000)	
Total Planning & Zoning			150,000	80,000	75,000	84,000		150,000	55,000		89,000	683,000			(294,000)	(389,000)		(683,000)	
Total Planning & Zoning			150,000	80,000	75,000	84,000		150,000	55,000		89,000	683,000			(294,000)	(389,000)		(683,000)	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Planning and Development Stage: Council Approval											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Economic Development and Tourism																	
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030							
Tourism																	
Replacement/State of Good Repair																	
825001	Promotional & Directional Sign Replacement	46,000	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)	
Total Replacement/State of Good Repair		106,000	20,000				65,000	92,000				283,000			(283,000)	(283,000)	
New/Enhanced Service																	
821001	Tourism Partnership Signage Program	6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,400	64,000		(34,000)	(30,000)	(64,000)	
Total New/Enhanced Service		6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,400	64,000		(34,000)	(30,000)	(64,000)	
Total Tourism		6,400	112,400	26,400	6,400	6,400	71,400	98,400	6,400	6,400	6,400	347,000		(34,000)	(313,000)	(347,000)	
Total Economic Development and Tourism		6,400	112,400	26,400	6,400	6,400	71,400	98,400	6,400	6,400	6,400	347,000		(34,000)	(313,000)	(347,000)	

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



HALDIMAND COUNTY

2021 to 2030 CAPITAL FORECAST

FIR Category: Planning and Development Stage: Council Approval											Total Expenditures	Grants Subsidies	General Recoveries	Development Charges	Reserves/ Reserve Funds	Debenture Financing	Total Financing
Tree Conservation & Reforestation																	
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030							
Tree Conservation & Reforestation																	
Replacement/State of Good Repair																	
297002	Downtown Street Tree Removal and Planting	150,000	150,000	150,000	150,000	150,000						750,000			(750,000)	(750,000)	
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	550,000	550,000	550,000	550,000	450,000	450,000	450,000	450,000	450,000	450,000	4,900,000			(4,900,000)	(4,900,000)	
Total Replacement/State of Good Repair		700,000	830,000	700,000	700,000	600,000	450,000	450,000	450,000	450,000	450,000	5,880,000			(5,880,000)	(5,880,000)	
New/Enhanced Service																	
297006	Forestry Laptop	2,900										2,900			(2,900)	(2,900)	
Total New/Enhanced Service		2,900										2,900			(2,900)	(2,900)	
Total Tree Conservation & Reforestation		702,900	830,000	700,000	700,000	600,000	450,000	450,000	450,000	450,000	450,000	5,882,900			(5,882,900)	(5,882,900)	
Total Tree Conservation & Reforestation		702,900	830,000	700,000	700,000	600,000	450,000	450,000	450,000	450,000	450,000	5,882,900			(5,882,900)	(5,882,900)	

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



Haldimand
County

Appendices



2021 Capital Financing Principles

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

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



2021 Debt History

TAX SUPPORTED													
<i>Project</i>	<i>ByLaw #</i>	<i>Payee</i>	<i>Pmt Method</i>	<i>date of issue</i>	<i>Original Principal</i>	<i>Current Interest rate</i>	<i>Annual Principal Payments (average)</i>	<i>Outstanding Principal (as at December 31, 2020)</i>	<i>2021 Annual Payments</i>	<i>offsetting funding</i>	<i>Net County Responsibility</i>	<i>Outstanding Principal (as at December 31, 2021)</i>	<i>Maturity</i>
Central Administration Facility	2067/19	IO	PAD	July 2, 2019	\$19,450,000	2.71%	\$486,250	\$18,477,500	\$1,466,706	0	\$1,466,706	\$18,477,500	2039
Lowbanks - Firehall and Community Centre	1392/13	IO	PAD	October 1, 2013	\$898,500	3.36%	\$89,850	\$269,550	\$98,150	0	\$98,150	\$179,700	2023
Cayuga Fire Station	1711/16	IO	PAD	October 3, 2016	\$1,502,800	2.07%	\$150,280	\$901,680	\$168,118	(115,159)	\$52,959	\$751,400	2026
Hagersville Fire Station	1711/16	IO	PAD	October 3, 2016	\$1,747,700	2.07%	\$174,770	\$1,048,620	\$195,515	(26,110)	\$169,405	\$873,850	2026
South Haldimand Fire Station	1711/16	IO	PAD	October 3, 2016	\$1,236,300	2.07%	\$123,630	\$741,780	\$138,305	(45,218)	\$93,087	\$618,150	2026
Cayuga EMS Station	1711/16	IO	PAD	October 3, 2016	\$512,900	2.07%	\$51,290	\$307,740	\$57,378	(8,558)	\$48,820	\$256,450	2026
Hagersville EMS Station	1711/16	IO	PAD	October 3, 2016	\$710,400	2.07%	\$71,040	\$426,240	\$79,472	(10,661)	\$68,811	\$355,200	2026
Grandview	824/07	IO	PAD	July 16, 2007	\$17,000,000	5.27%	\$850,000	\$5,950,000	\$1,152,458	(483,552)	\$668,906	\$5,100,000	2027
Grandview - New Debt	1393/13	IO	PAD	October 1, 2013	\$1,686,000	3.82%	\$112,453	\$899,627	\$145,742	0	\$145,742	\$787,174	2028
Conversion of CNR Bridge	2066-19	IO	PAD	July 2, 2019	\$1,160,000	2.40%	\$116,000	\$1,044,000	\$140,366	0	\$140,366	\$928,000	2029
HCCC - Balloon & New Debt	1392/13	IO	PAD	October 1, 2013	\$3,658,000	3.36%	\$365,800	\$1,097,400	\$399,592	(163,833)	\$235,759	\$731,600	2023
Cayuga Arena	1394/13	IO	PAD	October 1, 2013	\$6,620,400	4.11%	\$331,020	\$4,303,260	\$504,473	(267,705)	\$236,768	\$3,972,240	2033
Dunnville Arena	1394/13	IO	PAD	October 1, 2013	\$7,656,900	4.11%	\$382,845	\$4,976,985	\$583,455	(175,656)	\$407,799	\$4,594,140	2033
Cayuga Library	2066/19	IO	PAD	July 2, 2019	\$2,299,800	2.40%	\$229,980	\$2,069,820	\$278,287	(81,775)	\$196,512	\$1,839,840	2029
Dunnville Library	1829/17	CDS	PAD	July 5, 2017	\$864,700	1.55%	\$86,470	\$619,566	\$96,277	(96,277)	\$0	\$535,705	2027
Caledonia Lions Hall	1711/16	IO	PAD	October 3, 2016	\$1,653,000	2.07%	\$165,300	\$991,800	\$184,921	0	\$184,921	\$826,500	2026
Total Tax Supported								\$44,125,568	\$5,689,215	-\$1,474,504	\$4,214,711	\$40,827,448	

RATE SUPPORTED WATER AND WASTEWATER													
<i>Project</i>	<i>ByLaw #</i>	<i>Payee</i>	<i>Pmt Method</i>	<i>date of issue</i>	<i>Original Principal</i>	<i>Current Interest rate</i>	<i>Annual Principal Payments (average)</i>	<i>Outstanding Principal (as at December 31, 2020)</i>	<i>2021 Annual Payments</i>	<i>offsetting funding</i>	<i>Net County Responsibility</i>	<i>Outstanding Principal (as at December 31, 2021)</i>	<i>Maturity</i>
Water projects													
Caithness Street - Argyle to McClung, Caledonia	1392/13	IO	PAD	October 1, 2013	\$789,900	3.36%	\$78,990	\$236,970	\$86,287	0	\$86,287	\$157,980	2023
Jarvis Watermain Replacement	1829/17	CDS	PAD	July 5, 2017	\$2,250,000	1.55%	\$225,000	\$1,612,147	\$250,518	(62,629)	\$187,888	\$1,393,934	2027
Nanticoke Electrical Servicing Upgrades	1829/17	CDS	PAD	July 5, 2017	\$100,000	1.55%	\$10,000	\$71,651	\$11,134	(11,134)	\$0	\$61,953	2027
Nanticoke Filter Building Expansion	1829/17	CDS	PAD	July 5, 2017	\$1,704,400	1.55%	\$170,440	\$1,221,219	\$189,770	(47,442)	\$142,327	\$1,055,921	2027
Nanticoke High Rate Sedimentation Capacity Expansion	1829/17	CDS	PAD	July 5, 2017	\$1,337,400	1.55%	\$133,740	\$958,260	\$148,908	(37,221)	\$111,686	\$828,555	2027
Nanticoke Water System Filter Replacement	1829/17	CDS	PAD	July 5, 2017	\$2,340,900	1.55%	\$234,090	\$1,677,278	\$260,639	(260,639)	\$0	\$1,450,249	2027
Nanticoke Water Treatment Process	1829/17	CDS	PAD	July 5, 2017	\$2,983,200	1.55%	\$298,320	\$2,137,492	\$332,153	(83,038)	\$249,115	\$1,848,171	2027
Wastewater Projects													
Caithness Street - Argyle to McClung	1392/13	IO	PAD	October 1, 2013	\$502,800	3.36%	\$50,280	\$150,840	\$54,925	0	\$54,925	\$100,560	2023
Caledonia Water Pollution Control Upgrade Balloon	1392/13	IO	PAD	October 1, 2013	\$3,024,000	3.36%	\$302,400	\$907,200	\$330,335	(214,718)	\$115,617	\$604,800	2023
Caledonia WWTP Upgrades	1829/17	CDS	PAD	July 5, 2017	\$628,700	1.55%	\$62,870	\$450,470	\$70,000	(70,000)	\$0	\$389,496	2027
Dunnville WWTP	2066/19	IO	PAD	July 2, 2019	\$9,178,950	2.40%	\$917,895	\$8,261,055	\$1,110,698	(55,535)	\$1,055,163	\$7,343,160	2029
Jarvis Lagoon Upgrades	1829/17	CDS	PAD	July 5, 2017	\$122,700	1.55%	\$12,270	\$97,916	\$13,662	(13,662)	\$0	\$76,016	2027
Townsend Lagoon	2066/19	IO	PAD	July 2, 2019	\$562,500	2.40%	\$56,250	\$506,250	\$68,065	(68,065)	\$0	\$450,000	2029
Total Rate Supported Water and Wastewater								\$18,278,749	\$2,927,093	-\$924,084	\$2,003,009	\$15,760,795	

Total Debt:

\$62,404,317	\$8,616,307	-\$2,398,588	\$6,217,719	\$56,588,244
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Summary of Forecasted Capital Reserve Balances
For the Years 2021 to 2030

	2019 Audited	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast	2028 Forecast	2029 Forecast	2030 Forecast
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
CRR - Ambulance	279,126	522,060	587,710	761,440	584,350	482,540	576,120	675,200	704,890	1,005,300	931,540	793,730
CRR - Community Halls	648,989	250,431	72,731	207,731	320,031	430,131	467,331	182,331	122,331	177,331	222,331	257,331
CRR - Fire Fleet	2,875,929	3,101,678	3,923,098	3,725,308	3,608,158	3,717,018	4,484,758	4,956,748	3,653,378	3,540,038	2,412,128	1,902,558
CRR - General	8,352,212	4,153,871	2,647,711	857,961	1,338,711	1,361,641	598,991	1,459,311	1,699,101	1,865,111	2,597,611	3,219,301
CRR - Information Technology	1,718,792	1,088,486	1,192,940	1,399,853	1,756,037	1,900,730	1,819,584	2,271,997	2,790,130	3,079,194	3,373,107	3,478,091
CRR - Other Fleet	1,696,820	1,665,338	1,783,088	1,769,698	1,526,208	1,525,558	1,376,748	1,656,428	1,766,898	1,888,758	1,926,418	2,063,588
CRR - Roads Equipment	1,454,811	2,095,080	1,980,970	2,676,880	2,575,330	3,126,090	4,158,590	5,263,430	6,069,260	4,880,950	5,725,420	5,190,460
CRR - Roads Infrastructure	12,963,565	13,436,534	12,183,758	6,578,380	5,527,355	4,368,283	5,961,079	5,485,785	7,855,255	9,503,425	13,199,426	15,232,942
CRR - Storm Sewer	1,150,248	437,562	435,632	539,962	655,782	283,322	422,812	574,492	738,602	915,392	1,105,122	1,308,042
Community Partnership Capital Program Reserv	251,006	182,201	182,201	182,201	182,201	182,201	182,201	182,201	182,201	182,201	182,201	182,201
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	0	0	0	0	0	0	0
Library Reserve Fund	737,706	400,362	116,212	236,062	279,812	393,862	456,912	589,262	656,012	685,362	811,912	936,762
Parkland Dedication Reserve Fund	739,960	518,210	518,210	518,210	518,210	518,210	518,210	518,210	518,210	518,210	518,210	518,210
Drain Fund	373,324	312,081	297,296	223,791	169,686	145,441	129,386	108,861	94,806	76,031	70,266	42,561
Land Sales Reserve	1,555,574	1,555,574	1,555,574	1,555,574	1,555,574	1,555,574	1,105,574	1,105,574	1,105,574	1,105,574	1,105,574	1,105,574
La Fortune Reserve Fund	155,734	155,734	155,734	155,734	155,734	155,734	155,734	155,734	155,734	155,734	155,734	155,734
Harvard Plane Reserve Fund	36,769	36,769	36,769	36,769	36,769	36,769	36,769	36,769	36,769	36,769	36,769	36,769
Sub-total	36,072,327	30,993,731	28,751,393	22,507,314	21,871,707	21,130,640	23,398,335	26,169,869	29,096,688	30,562,916	35,321,305	37,371,389
Federal Gas Tax Revenue Reserve Fund	5,385,989	2,009,039	3,533,029	4,000,748	764,057	1,705,166	1,669,875	1,693,584	479,693	891,802	(506,489)	(561,280)
OCIF Funding	1,890,236	1,503,149	0	0	0	0	0	0	0	0	0	0
Community Vibrancy Reserve Fund (Appendix I)	(10,873,496)	(10,701,637)	(9,824,207)	(8,760,910)	(7,651,048)	(6,488,675)	(5,277,630)	(4,019,256)	(2,711,757)	(1,353,276)	58,150	1,641,448
Total Tax Supported DCRF's (Appendix E)	3,227,677	2,121,337	4,334,066	4,430,682	5,931,950	2,848,588	875,660	3,328,761	5,928,873	8,823,788	11,992,192	14,685,212
TOTAL TAX SUPPORTED CAPITAL RES/RF'S	35,702,733	25,925,620	26,794,281	22,177,835	20,916,666	19,195,720	20,666,240	27,172,958	32,793,497	38,925,230	46,865,157	53,136,769
Hydro Legacy Fund	83,977,731											
Growing Communities Reserve Fund	506,817											

Note - 2020 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
2021 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 2021
Ward 1	8,929,982	(5,264,891)	3,665,091	7,601,572	(6,484,552)	1,117,020
Ward 2	13,311,680	(8,589,836)	4,721,845	11,370,826	(10,083,386)	1,287,440
Ward 4	1,586,131	(1,062,998)	523,133	1,113,890	(1,087,940)	25,950
Ward 5	7,918,742	(2,588,137)	5,330,606	8,545,472	(5,273,362)	3,272,110
TOTAL	31,746,536	(17,505,861)	14,240,674	28,631,759	(22,929,239)	5,702,520



Forecast of Community Vibrancy Reserve Fund
For the Years 2012 TO 2030

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
SUMMARY																			
Opening Balance January 1st	100,564	72,251	63,632	(4,942,085)	(7,963,904)	(9,140,201)	(10,800,307.86)	(10,982,965)	(11,566,400)	(10,701,637)	(9,824,207)	(8,760,910)	(7,651,048)	(6,488,675)	(5,277,630)	(4,019,256)	(2,711,757)	(1,353,276)	58,150
Source of Funds:																			
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	1,984,500
Additional Contributions				100,000		125,000		175,000											
Interest Earned	2,716	1,333	(99,050)	(259,878)	(345,085)	(405,580)	(441,902.88)	(455,791)	(456,976)	(421,705)	(383,621)	(339,841)	(294,071)	(247,225)	(202,681)	(156,339)	(108,130)	(57,981)	(4,202)
Total Source of Funds	2,716	1,333	134,321	594,631	1,163,874	1,352,700	1,454,597	1,615,709	1,505,985	1,562,795	1,600,879	1,644,659	1,690,429	1,737,275	1,781,819	1,828,161	1,876,370	1,926,519	1,980,298
Use of Funds:																			
Commitment for Active Projects	31,029	9,952	4,990,038	3,466,451	2,190,171	1,465,638	541,942	903,794	220,000	220,000	250,000	250,000	396,000	397,000	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	0
Contribution to New Initiatives/Enhanced Service Projects			150,000	150,000	150,000	175,000	824,433	1,119,597	268,000	235,000	150,000	150,000	0	0	0	0	0	0	0
Total Use of Funds	31,029	9,952	5,140,038	3,616,451	2,340,171	3,012,807	1,637,254	2,199,144	641,222	685,366	537,582	534,798	528,056	526,230	523,446	520,662	517,889	515,094	397,000
Closing Balance December 31st	72,251	63,632	(4,942,085)	(7,963,904)	(9,140,201)	(10,800,308)	(10,982,964.92)	(11,566,400)	(10,701,637)	(9,824,207)	(8,760,910)	(7,651,048)	(6,488,675)	(5,277,630)	(4,019,256)	(2,711,757)	(1,353,276)	58,150	1,641,448
assume internal borrowing not debt issuance																			
Positive Interest Rate																			
Negative Interest Rate																			
Interest assumption on in-year transactions - 6 months																			
Non Specified 20%																			
Opening Balance January 1st	100,564	72,251	63,632	(211,878)	(295,643)	(246,792)	(146,888)	(108,242)	6,505	4,230	6,275	3,287	216	1,134	1,064	992	917	841	763
Source of Funds:																			
Contributions from Agreement			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	396,900
Interest Earned	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	19
Total Source of Funds	2,716	1,333	42,878	240,682	290,362	442,920	373,880	551,497	392,725	397,045	397,012	396,928	396,919	396,930	396,928	396,926	396,924	396,921	396,919
Use of Funds:																			
Commitment for Active Projects/Contribution to Growing Community	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	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							
Total Use of Funds	31,029	9,952	318,389	324,447	241,511	343,016	335,234	436,750	395,000	395,000	400,000	400,000	396,000	397,000	397,000	397,000	397,000	397,000	397,000
Closing Balance December 31st	72,251	63,632	(211,878)	(295,643)	(246,792)	(146,888)	(108,242)	6,505	4,230	6,275	3,287	216	1,134	1,064	992	917	841	763	682



Forecast of Community Vibrancy Reserve Fund
For the Years 2012 TO 2030

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Ward 1																			
Opening Balance January 1st	0	0	0	(2,399,816)	(2,994,767)	(3,813,173)	(3,619,810)	(3,629,434)	(3,903,980)	(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)
Source of Funds:																			
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	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)	(15,649)
Total Source of Funds	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	430,856
Use of Funds:																			
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										
Total Use of Funds	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	0
Closing Balance December 31st	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)	(101,996)
Ward 2																			
Opening Balance January 1st	0	0	0	(1,860,748)	(3,073,737)	(3,384,663)	(4,205,539)	(4,633,860)	(5,104,640)	(4,797,683)	(4,553,290)	(4,204,771)	(3,839,104)	(3,455,628)	(3,053,525)	(2,632,073)	(2,190,477)	(1,727,919)	(1,243,516)
Source of Funds:																			
Contributions from Agreement			51,815	213,675	607,530	665,846	665,846	665,846	665,846	665,846	665,846	665,846	665,846	665,846	665,846	665,846	665,846	665,846	665,846
Interest Earned			(37,468)	(99,362)	(130,048)	(153,739)	(177,992)	(196,096)	(202,666)	(191,088)	(179,745)	(165,381)	(150,314)	(134,514)	(117,948)	(100,588)	(82,399)	(63,349)	(41,787)
Total Source of Funds	0	0	14,347	114,313	477,482	512,107	487,854	469,750	463,180	474,758	486,101	500,465	515,532	531,332	547,898	565,258	583,447	602,497	624,059
Use of Funds:																			
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											
Contribution to Trail Initiatives - Debt Payments									10,000	90,000									
Contribution to New Initiatives/Enhanced Service Projects									143,222	140,366	137,582	134,798	132,056	129,230	126,446	123,662	120,889	118,094	
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										
Total Use of Funds	0	0	1,875,095	1,327,302	788,409	1,332,982	916,175	940,530	156,222	230,366	137,582	134,798	132,056	129,230	126,446	123,662	120,889	118,094	0
Closing Balance December 31st	0	0	(1,860,748)	(3,073,737)	(3,384,663)	(4,205,539)	(4,633,860)	(5,104,640)	(4,797,683)	(4,553,290)	(4,204,771)	(3,839,104)	(3,455,628)	(3,053,525)	(2,632,073)	(2,190,477)	(1,727,919)	(1,243,516)	(619,457)



**Forecast of Community Vibrancy Reserve Fund
For the Years 2012 TO 2030**

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Ward 4																			
Opening Balance January 1st	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)
Source of Funds:																			
Contributions from Agreement			0	5,076	80,531	80,531	80,531	80,531	80,531	80,531	80,531	80,531	80,531	80,531	80,531	80,531	80,531	80,531	80,531
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)	(13,881)
Total Source of Funds	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	66,650
Use of Funds:																			
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											
Total Use of Funds	0	0	118,476	657,182	154,483	72,318	53,539	7,000	0	0	0	0	0	0	0	0	0	0	0
Closing Balance December 31st	0	0	(120,911)	(791,388)	(899,385)	(928,021)	(938,793)	(902,816)	(858,263)	(811,879)	(763,588)	(713,313)	(660,971)	(606,478)	(549,746)	(490,682)	(429,190)	(365,171)	(298,520)
Ward 5																			
Opening Balance January 1st	0	0	0	(348,731)	(808,369)	(796,188)	(1,900,050)	(1,672,638)	(1,661,469)	(1,329,512)	(1,044,751)	(687,447)	(315,458)	71,820	474,075	887,592	1,312,688	1,749,687	2,198,922
Source of Funds:																			
Contributions from Agreement			0	8,752	143,121	184,143	394,717	394,717	394,717	394,717	394,717	394,717	394,717	394,717	394,717	394,717	394,717	394,717	394,717
Interest Earned			(7,022)	(23,300)	(32,597)	(54,348)	(73,874)	(67,642)	(62,760)	(49,957)	(37,413)	(22,728)	(7,439)	7,537	18,800	30,379	42,281	54,517	67,096
Total Source of Funds	0	0	(7,022)	(14,548)	110,524	129,795	320,843	327,075	331,957	344,761	357,304	371,989	387,278	402,254	413,518	425,096	436,999	449,235	461,813
Use of Funds:																			
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											
Bird Road and Crown Rd Intersection Improvements										25,000									
Bird Road and Moulton-Aiken Rd Intersection Improvements											35,000								
Total Use of Funds	0	0	341,709	445,090	98,343	1,233,657	93,431	315,906	0	60,000	0	0	0	0	0	0	0	0	0
Closing Balance December 31st	0	0	(348,731)	(808,369)	(796,188)	(1,900,050)	(1,672,638)	(1,661,469)	(1,329,512)	(1,044,751)	(687,447)	(315,458)	71,820	474,075	887,592	1,312,688	1,749,687	2,198,922	2,660,735



Summary of Forecasted Development Charges Reserve Funds Balances
2021 - 2030 Tax Supported Capital Forecast

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
DCRF - Ambulance Services	37,869	90,258	97,249	(67,340)	(57,992)	(44,285)	(25,991)	247	48,751	102,178	160,707	222,705
DCRF - Fire Services	1,039,719	1,055,772	1,193,154	(180,296)	(149,153)	(106,561)	(50,305)	19,972	150,835	245,706	355,240	479,789
DCRF - General Government	37,524	(272,610)	(194,288)	(149,894)	(164,366)	(77,105)	14,396	113,288	80,053	107,892	215,900	326,616
DCRF - Leisure Services	2,177,556	990,153	2,486,152	4,030,607	5,670,974	3,306,044	5,224,986	7,343,020	9,569,261	11,906,806	14,359,449	16,876,383
DCRF - Library Services	986,959	1,104,027	1,259,543	1,427,553	1,608,400	1,802,496	1,908,679	2,045,158	2,197,698	2,463,671	2,748,278	3,111,191
DCRF - Parking Services	126,661	154,637	191,546	229,923	140,217	179,542	220,435	264,193	309,672	356,921	405,988	456,249
DCRF - Public Works - Buildings & Fleet	(43,738)	(47,292)	(272,890)	(190,209)	(103,431)	(305,409)	(4,233,213)	(4,247,707)	(4,239,836)	(4,229,185)	(4,215,633)	(4,199,052)
DCRF - Roads & Related	(1,126,764)	(952,677)	(563,739)	(897,316)	(1,131,486)	(2,125,991)	(2,306,977)	(2,433,534)	(2,519,947)	(2,544,887)	(2,526,219)	(2,462,644)
DCRF - Cemeteries	175,567	181,291	210,589	241,020	81,573	111,272	(62,537)	(33,181)	(2,396)	29,871	63,486	97,951
DCRF - Stormwater	(202,537)	(213,140)	(159,343)	(156,895)	(166,088)	(156,907)	(143,982)	(142,333)	(137,061)	(162,053)	(199,805)	(223,973)
DCRF - Waste Diversion	18,859	30,917	86,093	143,529	203,303	265,493	330,168	399,638	471,843	546,868	624,800	704,496
Total	3,227,677	2,121,337	4,334,066	4,430,682	5,931,950	2,848,588	875,660	3,328,761	5,928,873	8,823,788	11,992,192	14,685,212

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

external borrowing ("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:

- 222001 Caledonia Replacement Fire Station 2021
- 542001 EMS Base - Caledonia 2021
- 372007 Caledonia Arterial Road 2021
- 374037 Caledonia Argyle Bridge 2023
- 773003 Hagersville Library Replacement 2024
- 226007 Dunnville Fire Station Replacement 2027



2021-2030 Tax Supported Capital Budget & Forecast
Projects with Operating Impacts - 2021 New Initiatives Only

Description	Total Estimated Annual Cost/(Saving) (if available)	OPERATING Estimated Annual Cost/(Saving) (if available)	CAPITAL Estimated Annual Cost/(Saving) (if available)	2021 Capital Cost
General Government				
Kohler Fleet Garage (S)				
318003 - Kohler Facility - Roof, Storage Addition, Office & Shop Renovation Contribution for addition	17,560		17,560	717,300
Fleet & Equipment Pool (S)				
316031 - First Response Vehicle - EMS Fleet Charge to reflect annual operating and depreciation/amortization for items approved in the 2021 Capital Budget - Class 94a First Response Vehicle (EMS/Amb)	15,490	6,740	8,750	70,000
316036 - Compact SUV ENG (1) Fleet Charge to reflect annual operating and depreciation/amortization for items approved in the 2021 Capital Budget - Class 3a Compact SUV ENG	6,880	3,680	3,200	32,000
316039 - Brine Trailers ROADS (2) Fleet Charge to reflect Annual Operating and depreciation/amortization for items approved in the 2021 Capital Budget - Class 7e Brine Trailers (2) (ROADS)	31,720	6,720	25,000	300,000
316040 - Tandem Axle Plow/Sander ROADS (2) Fleet Charge to reflect Annual Operating and depreciation/amortization for items approved in the 2021 Capital Budget - Class 6c (2) (ROADS)	135,470	78,790	56,680	680,000
316041 - Diamond Boom - Loader Attachment ROAD (2) Fleet Charge to reflect annual operating and depreciation/amortization for items approved in the 2021 Capital Budget - Class 15e - Diamond Boom Loader Attachment (2) (Roads)	38,320	13,320	25,000	300,000
316042 - Pick Up Truck FPC (1) Fleet Charge to reflect annual operating and depreciation/amortization for items approved in the 2021 Capital Budget - Class 3e Pick up Truck (FPC)	12,690	7,440	5,250	42,000
General Administration Facilities (C)				
171020 - Project Manager, Caledonia EMS Station Transfer all costs for project manager position to C-171020Authority: 2021 Tax Supported Capital BudgetEnd Date: 2022 Project Manager, Caledonia EMS Station to 2022	(115,470) 115,470	(115,470) 115,470		119,870
Information Systems (S)				
136007 - Cell Phone/Smartphone Upgrade/Replacement Contribution for Supervisor, Environmental Operations Mobile Device	180		180	5,720
136016 - Portable 2-in-1s Contribution for Supervisor, Environmental Operations Portable 2-in-1	580		580	26,700
136017 - Dual and Ultrawide Monitors Contribution for Supervisor, Environmental Operations Second Monitor	40		40	260
136023 - Telephone System - Voice over IP Contribution for Supervisor, Environmental Operations Desk Phone	60		60	5,300
136036 - Project Manager, Innovation & Technology Services Project Manager, Broadband and Technology Initiative - 5 year contract 2021-25 All costs transferred to project manager position C-136036	123,600 (123,600)	123,600 (123,600)		128,000
Legal & Support Services (S)				
134002 - Furniture Replacements Contribution for Supervisor, Environmental Operations Desk Modifications	330		330	12,800
Protection Services				
Canfield Fire Hall Station #5 (C)				



2021-2030 Tax Supported Capital Budget & Forecast
Projects with Operating Impacts - 2021 New Initiatives Only

Description	Total Estimated Annual Cost/(Saving) (if available)	OPERATING Estimated Annual Cost/(Saving) (if available)	CAPITAL Estimated Annual Cost/(Saving) (if available)	2021 Capital Cost
227004 - Auto Extrication Mini-Cutter Annual increase to fund mini-cutters Lowbanks Fire Hall Station #7 (C)	1,000		1,000	5,000
229007 - Auto Extrication Mini-Cutter Annual increase to fund mini-cutter	1,000		1,000	5,000
229006 - Auto Extrication Mini-Spreader Annual increase to fund mini-spreader	1,100		1,100	5,000
229004 - Auto Extrication Airbags Annual increase to fund airbags	1,700		1,700	8,500
229005 - Auto Extrication Stabilization Struts Annual increase to fund struts Canborough Fire Hall Station #6 (C)	2,100		2,100	10,500
234008 - Auto Extrication Mini-Cutter Annual increase to fund mini-cutter	1,000		1,000	5,000
234007 - Auto Extrication Mini-Spreader Annual increase to fund mini-spreader	1,100		1,100	5,000
Social & Family Services				
GVL - Housekeeping (\$)				
634006 - Ceiling Lifts/Tracks, Carriage for Beds Contribution for GVL Ceiling Lifts/Tracks, Carriage for Beds	1,550		1,550	15,500
Transportation Services				
Gravel Road Conversion Program (C)				
381092 - Project Manager, Gravel Road Conversion Program Transfer all costs for project manager position to C-381092 Authority: 2021 Tax Supported Capital Budget End Date: 2023 Project Manager, Gravel Road Conversion Program to 2023	(131,010) 131,010	(131,010) 131,010		131,010
Grand Total	269,870	116,690	153,180	2,630,460

Note:

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



**NOTE: This scenario shows the effect on CRR-Roads Infrastructure should OCIF funding not continue at current levels past 2021. The budget has been prepared assuming the funding will continue.*

Summary of Forecasted Capital Reserve Balances - OCIF Removed 2022 - 2030
For the Years 2021 - 2030

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	Audited	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
CRR - Ambulance	279,126	522,060	587,710	761,440	584,350	482,540	576,120	675,200	704,890	1,005,300	931,540	793,730
CRR - Community Halls	648,989	250,431	72,731	207,731	320,031	430,131	467,331	182,331	122,331	177,331	222,331	257,331
CRR - Fire Fleet	2,875,929	3,101,678	3,923,098	3,725,308	3,608,158	3,717,018	4,484,758	4,956,748	3,653,378	3,540,038	2,412,128	1,902,558
CRR - General	8,352,212	4,153,871	2,647,711	857,961	1,338,711	1,361,641	598,991	1,459,311	1,699,101	1,865,111	2,597,611	3,219,301
CRR - Information Technology	1,718,792	1,088,486	1,192,940	1,399,853	1,756,037	1,900,730	1,819,584	2,271,997	2,790,130	3,079,194	3,373,107	3,478,091
CRR - Other Fleet	1,696,820	1,665,338	1,783,088	1,769,698	1,526,208	1,525,558	1,376,748	1,656,428	1,766,898	1,888,758	1,926,418	2,063,588
CRR - Roads Equipment	1,454,811	2,095,080	1,980,970	2,676,880	2,575,330	3,126,090	4,158,590	5,263,430	6,069,260	4,880,950	5,725,420	5,190,460
CRR - Roads Infrastructure	12,963,565	13,436,534	12,183,758	3,941,750	254,095	(3,541,607)	(4,585,441)	(7,697,365)	(7,964,525)	(8,952,985)	(7,893,614)	(8,496,728)
CRR - Storm Sewer	1,150,248	437,562	435,632	539,962	655,782	283,322	422,812	574,492	738,602	915,392	1,105,122	1,308,042
Community Partnership Capital Program Reserve	251,006	182,201	182,201	182,201	182,201	182,201	182,201	182,201	182,201	182,201	182,201	182,201
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	0	0	0	0	0	0	0
Library Reserve Fund	737,706	400,362	116,212	236,062	279,812	393,862	456,912	589,262	656,012	685,362	811,912	936,762
Parkland Dedication Reserve Fund	739,960	518,210	518,210	518,210	518,210	518,210	518,210	518,210	518,210	518,210	518,210	518,210
Drain Fund	373,324	312,081	297,296	223,791	169,686	145,441	129,386	108,861	94,806	76,031	70,266	42,561
Land Sales Reserve	1,555,574	1,555,574	1,555,574	1,555,574	1,555,574	1,555,574	1,105,574	1,105,574	1,105,574	1,105,574	1,105,574	1,105,574
La Fortune Reserve Fund	155,734	155,734	155,734	155,734	155,734	155,734	155,734	155,734	155,734	155,734	155,734	155,734
Harvard Plane Reserve Fund	36,769	36,769	36,769	36,769	36,769	36,769	36,769	36,769	36,769	36,769	36,769	36,769
Sub-total	36,072,327	30,993,731	28,751,393	19,870,684	16,598,447	13,220,750	12,851,815	12,986,719	13,276,908	12,106,506	14,228,265	13,641,719
Federal Gas Tax Revenue Reserve Fund	5,385,989	2,009,039	3,533,029	4,000,748	764,057	1,705,166	1,669,875	1,693,584	479,693	891,802	(506,489)	(561,280)
OCIF Funding	1,890,236	1,503,149	0	0	0	0	0	0	0	0	0	0
Community Vibrancy Reserve Fund (Appendix D)	(10,873,496)	(10,701,637)	(9,824,207)	(8,760,910)	(7,651,048)	(6,488,675)	(5,277,630)	(4,019,256)	(2,711,757)	(1,353,276)	58,150	1,641,448
Total Tax Supported DCRF's (Appendix E)	3,227,677	2,121,337	4,334,066	4,430,682	5,931,950	2,848,588	875,660	3,328,761	5,928,873	8,823,788	11,992,192	14,685,212
TOTAL TAX SUPPORTED CAPITAL RES/RF'S	35,702,733	25,925,620	26,794,281	19,541,205	15,643,406	11,285,830	10,119,720	13,989,808	16,973,717	20,468,820	25,772,117	29,407,099
Hydro Legacy Fund	83,977,731											
Growing Communities Reserve Fund	506,817											

Note - 2020 estimates assume full commitment of active projects and no interest earnings have been included.
Excludes Tax Supported Operating Reserves