



TOWNSHIP OF PERTH SOUTH

Council Approved 2024 Capital Budget and 2025 – 2029 Capital Forecast



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April 2, 2024*

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Capital Budget Overview

The capital budget includes long-term investments which are generally large and expensive projects that improve or expand the municipality's infrastructure and assets. It focuses on significant expenditures like building new roads, constructing public buildings, purchasing major equipment, or making substantial upgrades to existing facilities. It usually covers a longer period than an operating budget, often several years, because these projects take time to plan, fund, and complete.

The Capital Budget prepared includes projects for 2024 as well as the forecast for 2025 through 2029. This is similar to the approach used in 2023, however, the goal included in our Asset Management Plan is to present a ten-year plan. A ten-year plan, at a minimum, should be prepared in 2025, and in future years the capital budget should extend as far as 20 years into the future to ensure that the Township can plan and prepare for long-term costs.

The capital budget has been prepared by reviewing and prioritizing the capital needs. Several factors impact the estimated costs and the revenue sources for the capital. These include regulatory requirements, health and safety requirements, council priorities, the asset management plan, infrastructure condition assessment, maintenance of service level standards, inflation, and availability of grant funding. Township staff has referenced several studies that have been completed to identify condition-based assessments for some assets such as the Roads Need Study and the Bridge Inspection Report. In addition, the Financial Plan for the municipal water systems was reviewed to determine the scheduling of capital investments required on an aged-based assessment.

The 2024 Capital budget has been prepared in challenging economic times with continued high levels of inflation. Perth South, like many other municipalities, has an infrastructure gap that needs to be funded. This gap is a result of the requirement for infrastructure investment that exceeds existing sources of funding. In addition, a significant number of infrastructure needs are required in the short-term horizon, which presents an additional challenge. A recommended strategy for Perth South will be to pursue grant funding, seek alternate funding options, increase transfers to reserves, and evaluate the timing of projects in the forecast.

Capital Budget Summary

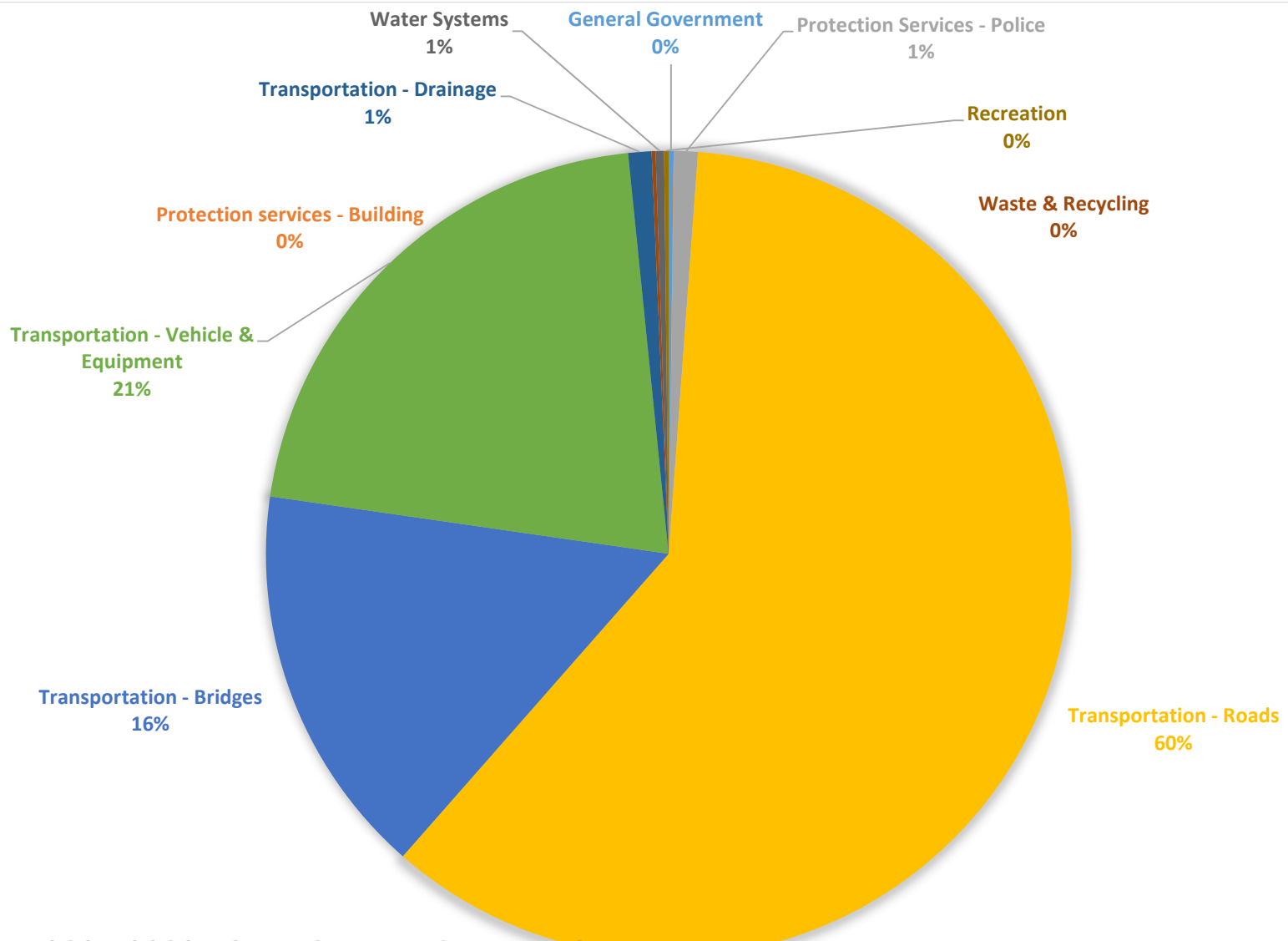
The 2024 capital budget includes projects with a total cost of \$3,070,805. This amount is to be funded with \$1,069,271 of reserve funding, \$626,597 of grant funding, and \$1,449,937 in levy funding. This level of spending represents a total cost increase of \$497,731 or 19%, and a levy increase of \$185,160 or 14%.

The capital budget forecast for the period 2025 to 2029 includes projects with a total cost of \$18,002,827 to be funded with \$4,496,899 in reserve funding, \$3,386,882 in grant funding, and \$10,119,047 in levy funding. It should be noted that the forecasted costs for the period 2022 through 2025 have been adjusted for an estimated annual inflation rate of 2%.

<i>2024 Capital Budget</i>				
<i>Tax Levy Supported Capital</i>	Total Cost	Funding		
		Reserves	Grants	Levy
<i>General Administration Services</i>	\$ -	\$ -	\$ -	\$ -
<i>Protection of People & Property Services</i>	\$ -	\$ -	\$ -	\$ -
<i>Transportation Services</i>	\$ 2,943,993	\$ 900,771	\$ 596,986	\$ 1,446,236
<i>Environmental Services</i>	\$ 30,000	\$ 30,000	\$ -	\$ -
<i>Recreation Services</i>	\$ 33,312	\$ -	\$ 29,611	\$ 3,701
<i>Total Tax Levy Capital Request</i>	\$ 3,007,305	\$ 930,771	\$ 626,597	\$ 1,449,937
<i>User Fee Supported Capital</i>				
	Total Cost	Funding		
		Reserves	Grants	Levy
<i>Building Department Supported</i>	\$ 3,500	\$ 3,500	\$ -	\$ -
<i>Water User Fee Supported</i>	\$ 60,000	\$ 60,000	\$ -	\$ -
<i>Total User Fee Supported</i>	\$ 63,500	\$ 63,500	\$ -	\$ -
<i>Total Capital Projects</i>	\$ 3,070,805	\$ 1,069,271	\$ 626,597	\$ 1,449,937

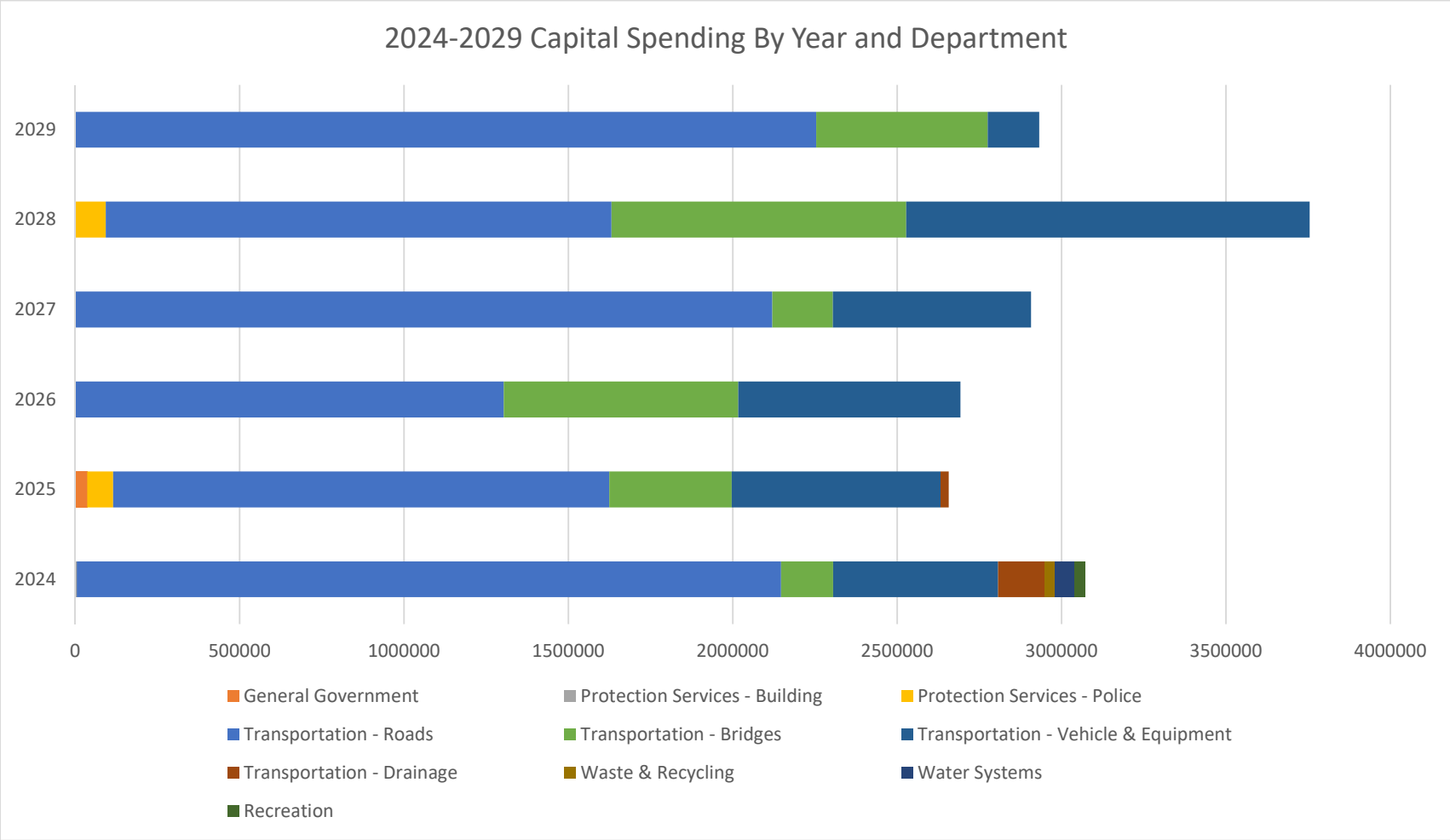
2024-2029 Capital Spending by Department

<i>Department</i>	<i>2024</i>	<i>2025</i>	<i>2026</i>	<i>2027</i>	<i>2028</i>	<i>2029</i>	<i>Totals</i>
<i>General Government</i>		\$35,000					\$35,000
<i>Building Department</i>	\$3,500						\$3,500
<i>Police</i>		\$78,756			\$90,978		\$169,734
<i>Roads</i>	\$2,141,576	\$1,508,519	\$1,301,658	\$2,117,871	\$1,537,732	\$2,251,339	\$10,848,512
<i>Bridges</i>	\$157,769	\$372,666	\$712,724	\$183,948	\$896,514	\$521,422	\$2,845,043
<i>Vehicle & Equipment</i>	\$501,909	\$634,673	\$676,260	\$603,089	\$1,227,199	\$156,673	\$3,799,803
<i>Drainage</i>	\$142,740	\$25,000					\$184,630
<i>Waste & Recycling</i>	\$30,000						\$30,000
<i>Water Systems</i>	\$60,000						\$75,000
<i>Recreation</i>	\$33,312						\$33,312
<i>Total Capital Spending</i>	\$3,070,806	\$2,654,614	\$2,690,642	\$2,904,908	\$3,752,423	\$2,929,434	\$18,002,827



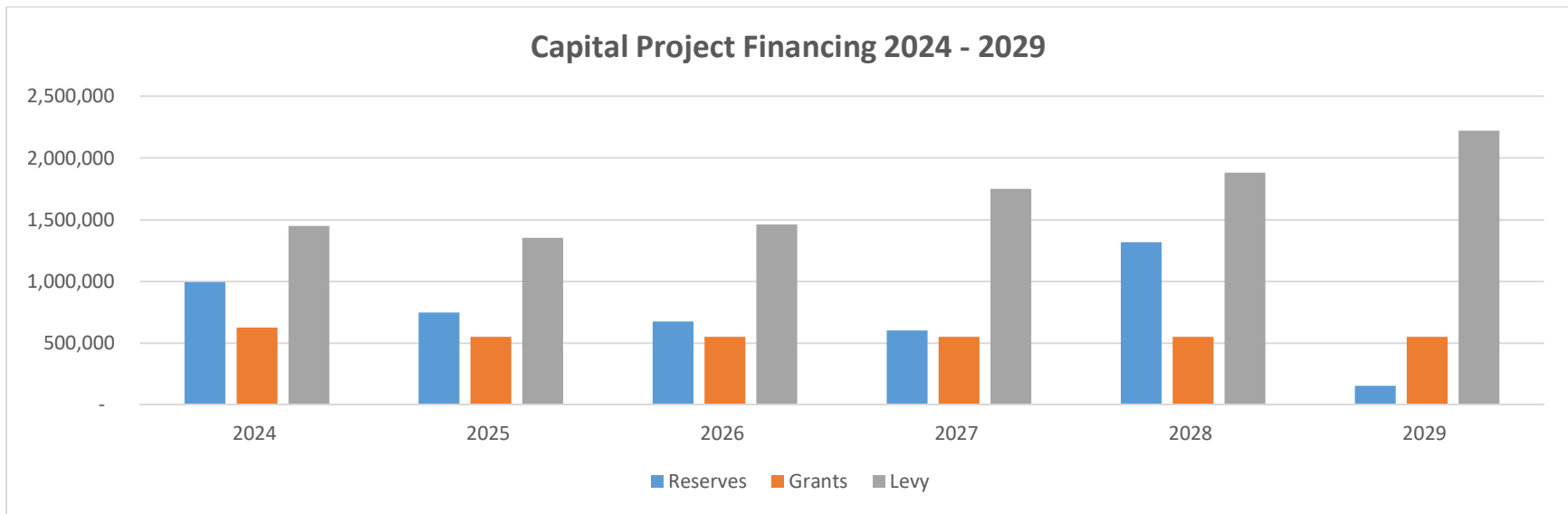
2024-2029 TOTAL CAPITAL SPENDING BY DEPARTMENT

2024-2029 Capital Spending By Year and Department



2024-2029 Capital Financing by Source

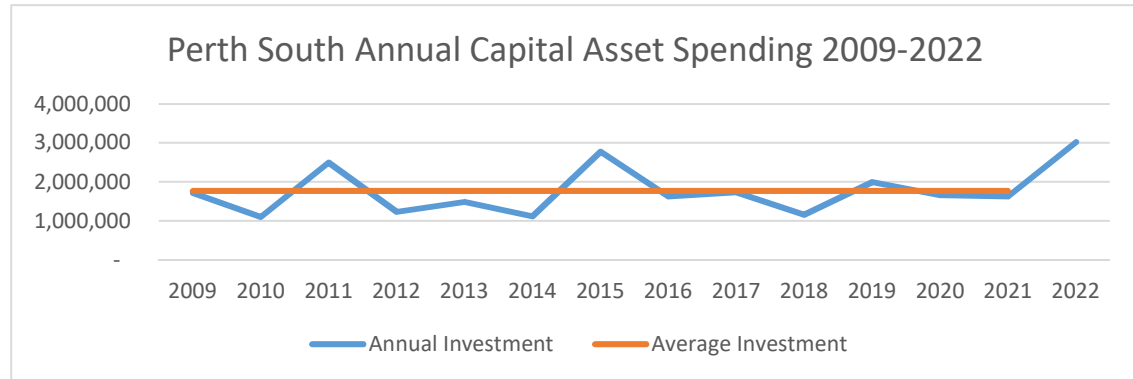
	2024	2025	2026	2027	2028	2029	TOTAL
RESERVES	\$994,271	\$748,429	\$676,260	\$603,089	\$1,318,177	\$156,673	\$4,496,899
GRANTS	\$626,597	\$552,057	\$552,057	\$552,057	\$552,057	\$552,057	\$3,386,882
LEVY	\$1,449,938	\$1,354,128	\$1,462,324	\$1,749,763	\$1,882,189	\$2,220,705	\$10,119,047
TOTAL	\$3,070,806	\$2,654,614	\$2,690,642	\$2,904,908	\$3,752,423	\$2,929,434	\$18,002,827



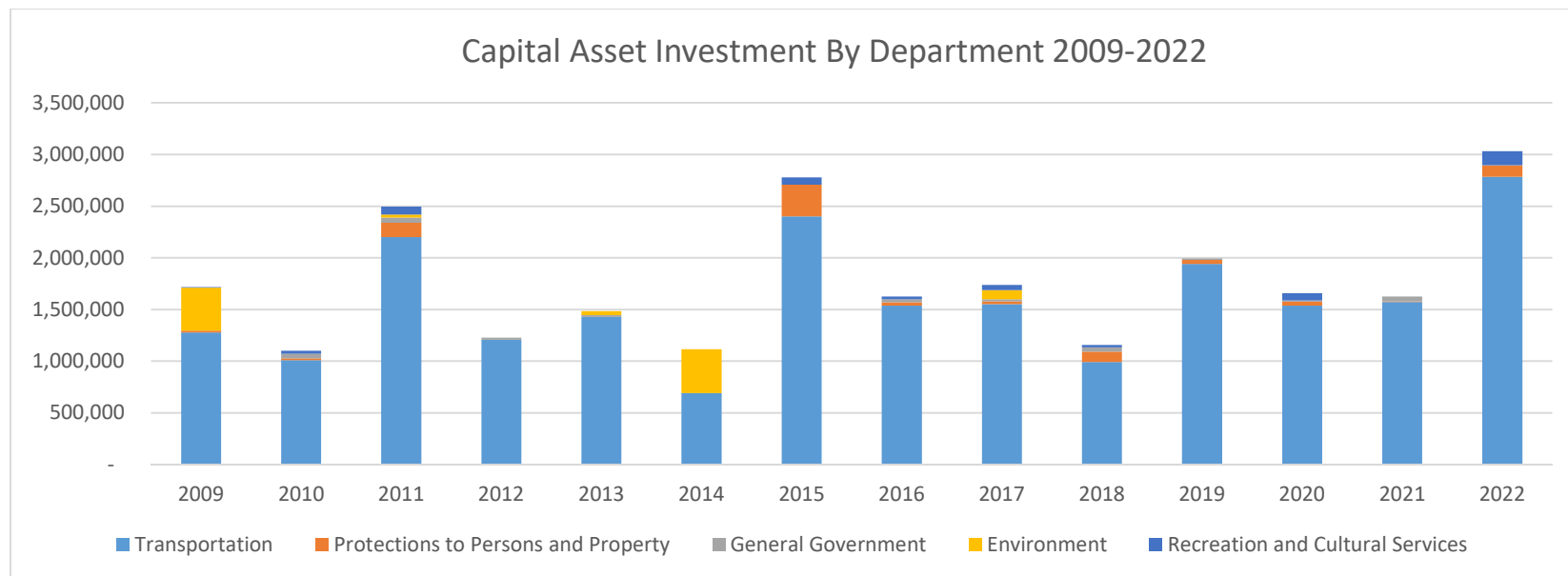
Historical Capital Spending

Capital Investments 2009-2022

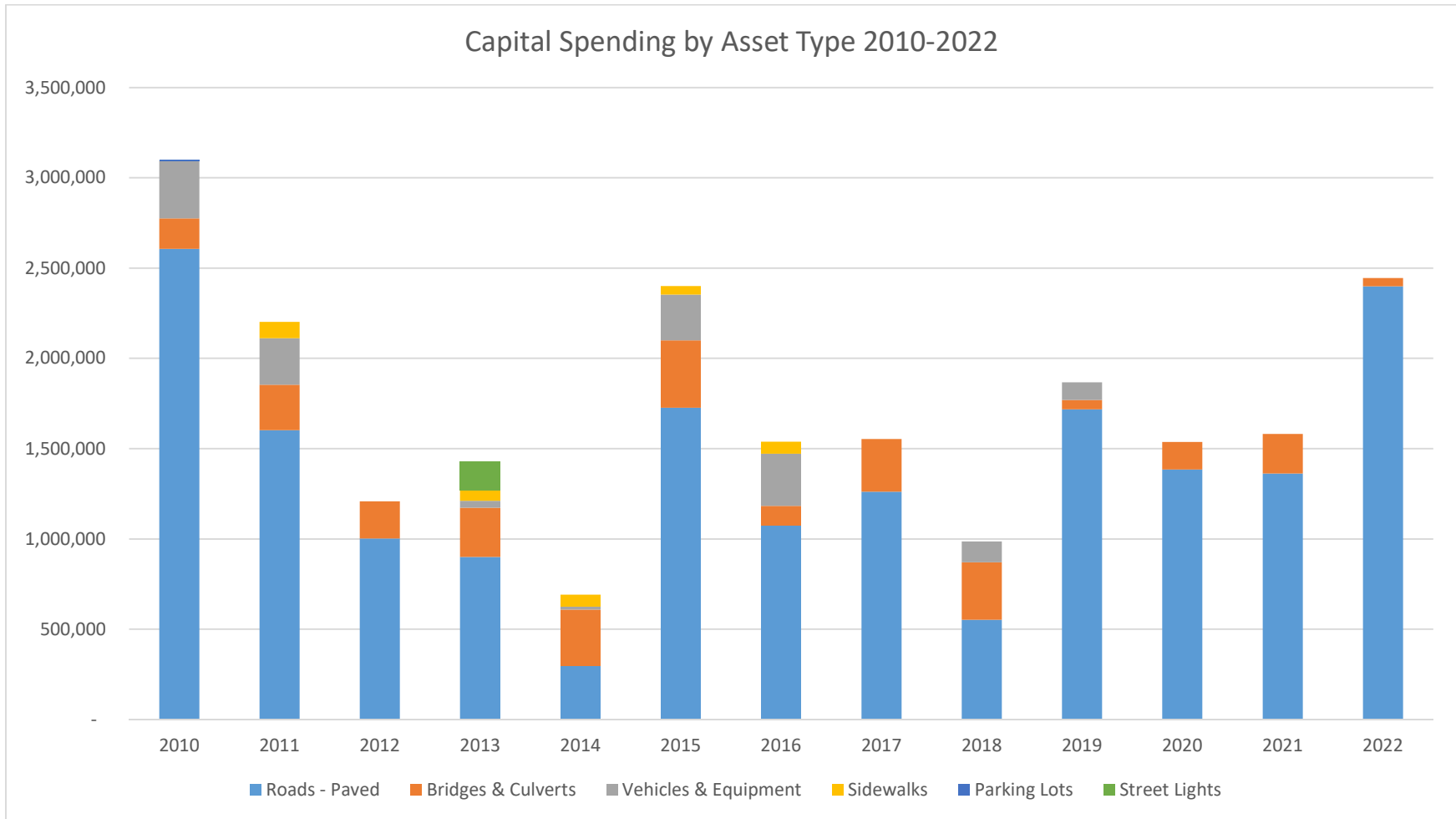
During the five-years 2018 through 2022 the Township invested \$9,452,266 into its capital infrastructure, an average of \$1,890,453 per year. The following graph illustrates the capital investment over a longer period, 2009 through 2022 with a total infrastructure investment of \$24,737,433, an average of \$1,766,959.



This infrastructure investment has been illustrated by the Department in the following graph. Each year, most of the investment has been made in transportation infrastructure such as roads, bridges, vehicles, and equipment.



Additional insight into the infrastructure investments in the transportation department can be obtained in the following graph where the capital spending has been identified by asset type for the period 2010 through 2022. During this period the majority of funds are invested in paved roads (a total of \$17,884,253 or \$1,375,712 annually), followed by bridges (a total of \$2,777,523 or \$213,656 annually) and vehicles and equipment (a total of \$1,383,395 or \$115,283 annually).



2023 Capital Budget

The 2023 budgeted capital investment included roads infrastructure of \$1,128,737, which was slightly less than the historical average above of \$1,375,712, and bridge and culvert infrastructure of \$600,000, which is greater than the average above of \$213,656. A summary of the 2023 Capital Budget is presented in the following chart:

2023 Capital Budget

DEPARTMENT	TOTAL COST	RECOVERY REVENUE	NET COST	TAXATION LEVY	RESERVE FUNDING	GRANT FUNDING
ADMINISTRATION - OLD MUNICIPAL OFFICE	\$106,000		\$106,000	\$9,994		\$96,006
PROTECTION - POLICE CRUISER SCANNER	\$18,000		\$18,000		\$18,000	
PROTECTION – BUILDING DEPARTMENT E-PERMITTING	\$18,841		\$18,841	\$18,841		
TRANSPORTATION – ROADS	\$2,257,474	\$1,128,737	\$1,128,737	\$632,241		\$496,496
TRANSPORTATION – BRIDGES & CULVERTS	\$600,000		\$600,000	\$600,000		
TRANSPORTATION - VEHICLES & EQUIPMENT	\$586,141		\$586,141		\$586,141	
TRANSPORTATION – DRAINAGE	\$81,654		\$81,654		\$81,654	
WASTE & RECYCLING	\$30,000		\$30,000		\$30,000	
RECREATION – KIRKTON POOL	\$3,701		\$3,701	\$3,701		
TOTAL CAPITAL COSTS	\$3,701,811	\$1,128,737	\$2,573,074	\$1,264,777	\$715,795	\$592,502

Roads Infrastructure

The Public Works Department maintains and upgrades roads and related infrastructure in Perth South to ensure that our 288.22 kms of roads are safe and in good condition for our residents and visitors. Over the years, the Township has continued to focus on maintaining our roadways and transportation infrastructure using methods of road construction, road resurfacing, and road rehabilitation through planned annual investments. The annual investment in this important infrastructure helps ensure our municipal roads meet the needs of the community today and well into the future.

The Roads Management Study – 2023 was prepared by B.M. Ross and presented to Perth South Council in the fall of 2023. This study aims to help the Township cost-effectively prioritize the road improvement schedule and predict future costs, under the assumption that the Township generally wants to maintain the current level of service of the existing roads.

The schedule of road work required is based on discussions with Township staff, a review of the roads, updated traffic counts, and annual maintenance costs. A standard assessment methodology, from the MTO's Method and Inventory Manual, has been used, along with the addition of risk analysis and level of service considerations to satisfy asset management planning requirements.

Based on the B.M. Ross inspection Perth South roads had the following condition ratings:

SURFACE TYPE	SURFACE RATING	STRUCTURAL RATING
GRAVEL	7.3 out of 10	7.3 out of 10
HIGH CLASS BITUMINOUS (HCB)	8.3 out of 10	8.8 out of 10
LOW CLASS BITUMINOUS (LCB)	5.9 out of 10	6.3 out of 10
AVERAGE (ALL SURFACE TYPES)	7.7 out of 10	8.0 out of 10

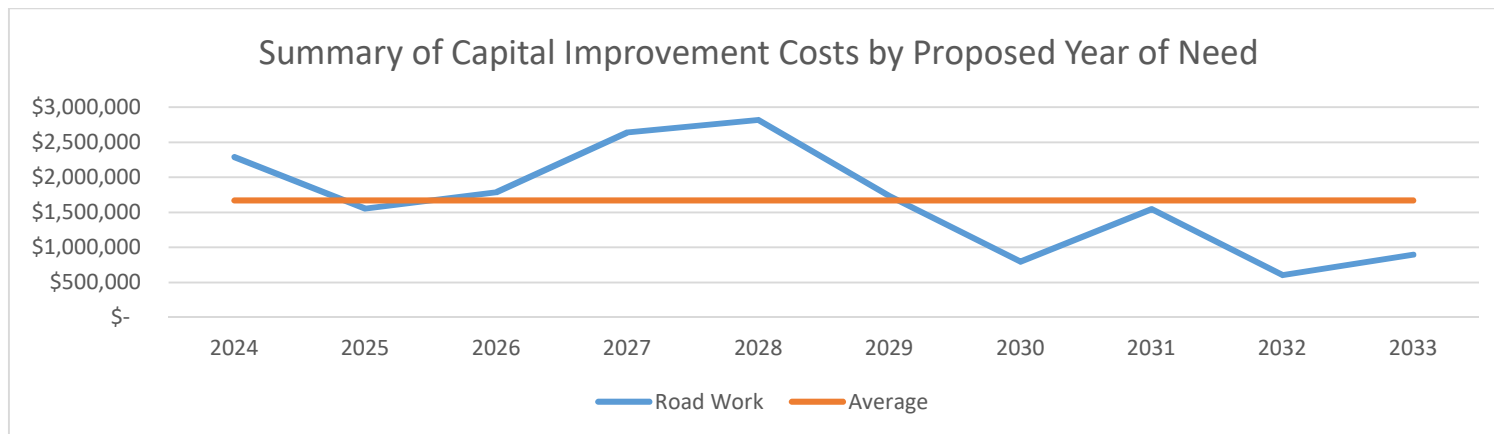
BM Ross found that, in general, the rural road system within Perth South is in fair condition and well maintained; however, condition ratings suggest a number of roads need to be reconstructed over the next few years. When comparing the condition rating scores from the 2018 study to the current scores, the average condition scores are similar. They observed many road improvements throughout Perth South, which contributed to the maintained condition ratings. This implies that the effort made by the Perth South has been sufficient to keep up with the deterioration rates of the roads. In addition, they anticipate that the efforts to replace the road bases and improve drainage will help the roads perform better over time.

BM Ross also made the following comments about the road network:

- There are several roads which would benefit from improved drainage;
- A few gravel roads should be raised to reduce flooding;
- Drainage improvements that include catch basins with fence drain outlets, ditch cleanout, and brush removal are encouraged; and
- Encroachment of agricultural lands onto Township Right-of-Ways is a common occurrence and has negatively affected road-base drainage and has often resulted in the destruction of road ditches.

Recommendations and probable costs for work to be completed over the next five-year time as well as anticipated costs for the six to ten-year period have been provided. The work in the six to ten-year period is intended as a guide for future long-term budgeting purposes with the understanding that deterioration rates and repair needs are less accurate when making longer-term projections and an updated study should be completed in five years to reassess the condition of the roads and the priorities for the subsequent five-year period.

Based on their assessment of the roads, a summary of capital improvement costs by proposed year of need was prepared and has been summarized below:



This forecasted cost estimate may vary for a variety of reasons including budget restrictions, combining of adjacent projects, changes in Council priorities, and grant funding opportunities.

Based on the findings of the Road Management Study – 2023 the Public Works Department has identified the proposed 6-year work plan which includes both road resurfacing and reconstruction projects. The 2024 projects have an estimated cost of \$1,875,271 and the forecasted projects have an estimated total cost of \$8,973,241, or approximately \$1,794,648 annually.

Bridges and Culverts

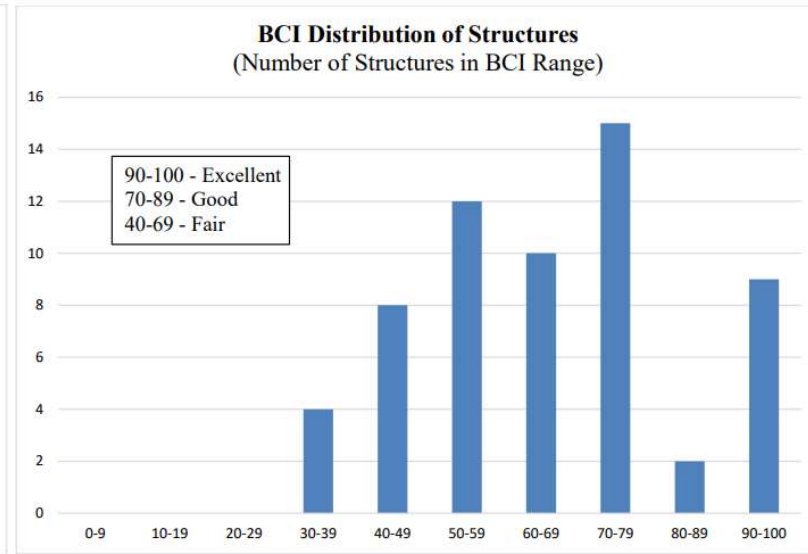
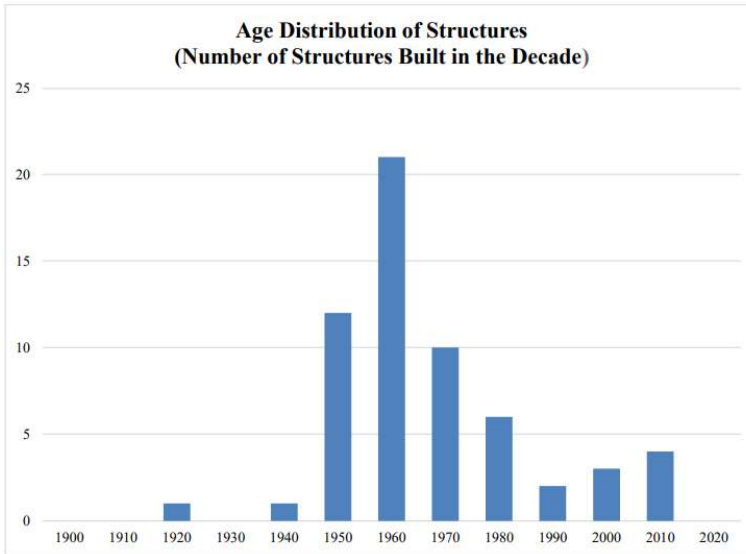
Bridges and culverts are an important component within a road network system. The Public Works Department works on maintaining these structures in Perth South to ensure that the approximately 130 structures are safe and in good condition for our residents and visitors. The total structures include 60 bridges and 70 culverts. Annual maintenance efforts and infrastructure investments keep the structures in good condition. The annual investment in this important infrastructure helps ensure that this infrastructure meets the needs of the community today and well into the future.

To ensure the safety of municipal bridges, provincial legislation requires municipalities to perform biennial inspections in accordance with the Ontario Structural Inspection Manual (OCIM). The Bridge Inspection Report – 2023 was completed by BM Ross in 2023 and presented to Perth South Council in the fall of 2023. The purpose of this report is to identify safety concerns and structural deficiencies as well as to prioritize improvement in an effort to minimize the costs of maintaining the bridges and culverts into the future.

A theoretical priority scoring system was used as a guide to help prioritize improvement work on the assets which included considering the probability of failure, the consequences of failure, and the performance grade. Along with this priority scoring system, there are other factors that should be taken into consideration when prioritizing the improvements, including:

- Preventative maintenance activities;
- Scheduling tasks to coincide with integrated assets within the same area;
- Addressing specific safety concerns;
- Financial and timing constraints; and
- Other activities taking place within the vicinity.

BM Ross is of the opinion that rural bridges in this part of Ontario can be expected to provide a service life of 80 years. The following age distribution for the 60 structures in Perth South illustrates the fact that the majority of structures are between 53 and 73 years of age. On average, the Township should be replacing 3 to 4 structures in any five-year period to avoid a concentrated replacement program in the future.



Despite the age of the bridges, their Bridge Condition Index (BCI) rating, a measure of the overall condition of a bridge, indicates that their structural condition is in relatively good condition. Generally, a structure with a BCI greater than 90 would be considered to be in excellent condition, 70 to 89 in good condition, 40 to 69 in fair condition, and below 40 would be in poor condition. Based on the results of the most recent inspection, just under half of the bridges are in either excellent or good condition, half of the bridges are in fair condition, and less than one percent, a total of 4 bridges, are in poor condition.

Vehicles and Equipment

The Township of Perth South is responsible for managing a fleet of 9 vehicles and 18 pieces of equipment with an estimated value of \$4,382,600 in 2024. The management of these vehicles and equipment is based on a lifecycle asset management program which includes the systematic planning, acquisition, operation, maintenance, and disposal of these assets. This process is crucial to ensure optimal performance, cost-effectiveness, and longevity of the vehicles and equipment in each department.

The vehicles and equipment support the delivery of many different services including, but not limited to, paved roads, gravel roads, bridges, cemeteries, building inspection, land planning, police, parks, and recreation facilities.

Vehicle and equipment asset details are stored in the tangible asset database and includes the following:

Vehicle and Equipment Asset Inventory		
Service Area	Asset Type	Quantity
Building Services	Light Truck	1
Police Services	Vehicle	1
Transportation Services	Construction Equipment	5
	Heavy Truck	4
	Medium Truck	1
	Light Truck	2
	Lawn Equipment	2
	Miscellaneous	8
	Trailer	1
Cemetery Services	Lawn Equipment	2
Total Vehicles		9
Total Equipment		18
Grand Total		27

Asset Costs and Replacement Values

The replacement values of vehicles and equipment are updated periodically, and most recently for the 2024 budget. These replacement values, along with comparison costs, and the increase both in a dollar and percentage amount.

<i>Asset Type</i>	<i>Original Cost</i>	<i>2024 Replacement Cost</i>	<i>Increased Cost (\$)</i>	<i>Increased Cost (%)</i>
<i>Construction Equipment</i>	\$995,761	\$2,167,228	\$1,171,467	118%
<i>Heavy Truck</i>	\$977,793	\$1,600,000	\$622,207	64%
<i>Medium Truck</i>	\$71,392	\$106,879	\$35,487	50%
<i>Light Truck</i>	\$105,966	\$186,959	\$80,993	76%
<i>Lawn Equipment</i>	\$38,076	\$61,714	\$23,638	62%
<i>Miscellaneous</i>	\$101,657	\$176,358	\$74,701	73%
<i>Trailer</i>	\$3,370	\$4,706	1,336	40%
<i>Vehicle</i>	\$75,015	\$78,756	\$3,741	5%
<i>Total Vehicle Costs</i>	\$1,125,057	\$1,832,413	\$707,386	63%
<i>Total Equipment Costs</i>	\$1,138,864	\$2,410,006	\$1,271,142	112%
<i>Grand Total Costs</i>	\$2,369,031	\$4,382,600	\$2,013,569	85%

Replacement Costs

In the preparation of the 2024 Operating and Capital Budget, additional efforts were made to ensure that the replacement costs included in the Vehicle and Equipment Replacement Schedule reflected current market prices. During this analysis we looked at how the costs of two of the most expensive assets, tandem trucks (snow plows) and graders have increased in price over their useful lives. In 2022, when a similar review was undertaken, it was determined that since our last purchase the cost of a tandem truck with plow equipment had increased in cost by 65%, representing an annual increase of 4.66%. Similarly, a grader with no plow equipment had increased in cost by 118%, representing an annual increase of 4.69%.

What we found during our review for the 2024 Budget was that the prices of vehicles and equipment had again increased materially. While we have made efforts to update replacement costs for all assets, a summary of our findings for the same tandem truck and grader, as well as an addition grader with plow equipment have been summarized in the chart below for comparison purposes. The cost to replace our oldest tandem truck has increased \$206,116 or 106%, representing an annual increase of 5.73%. The cost to replace our oldest grader has increased \$277,434 or 125%, representing an annual increase of 4.35%.

This analysis is evidence that that without an update to the Vehicle and Equipment Schedule and an increase to the annual Vehicle and Equipment Reserve contribution, Perth South will not have a sufficient amount of funds to finance replacements at the end of the asset’s useful life.

TYPE OF ASSET	YEAR OF PURCHASE	ORIGINAL PURCHASE PRICE	REPLACEMENT COST IN 2024	INCREASE IN COST	% INCREASE IN COST	AVERAGE ANNUAL INFLATION RATE
TANDEM TRUCK WITH PLOW EQUIPMENT	2011	\$193,884	\$400,000	\$206,116	106%	5.73%
GRADER – NO PLOW EQUIPMENT	2005	\$222,566	\$485,000	\$277,434	125%	4.35%
GRADER – WITH PLOW EQUIPMENT	2008	\$294,502	\$650,000	\$355,498	121%	4.77%

New Assets for Growth

Under the current model it is assumed that the anticipated level of growth will not require any new equipment and that the current fleet size will be sufficient for the twenty-five-year time period projected for the replacement of vehicles and equipment

Asset Service Life

Unlike road and bridge assets, the vehicles and equipment do not have a condition rating, rather they have an established service life for each type of asset based on the number of years the asset is intended to be in service. An example of the length of service life for various assets is as follows:

TYPE OF ASSET	SERVICE LIFE
TANDEM SNOW PLOW TRUCK	12 Years
GRADER	18 Years
PICK-UP TRUCK	5 Years

Assessing Service Life

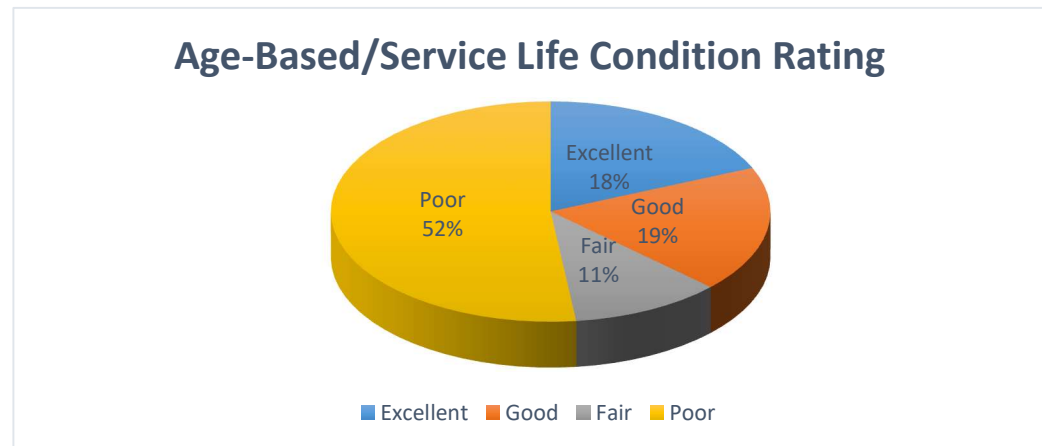
Generally, municipalities assess their vehicles and equipment using either an age based assessment or a condition assessment.

An age-based assessment relies on the chronological age of the asset as a primary factor in evaluating its condition and potential life span. Age, usage patterns, and historical performance are used to make projections about when an asset might need to be replaced or require a significant upgrade. The approach assumes that assets of the same age will exhibit similar wear and tear, but this may not always be the case due to variations in usage, maintenance practices, and environmental conditions. Age-based assessments provide a quick and relatively simple way to estimate the overall condition of a fleet and plan for replacements and has been used by Perth South to assess the age of fleet assets for asset management purposes.

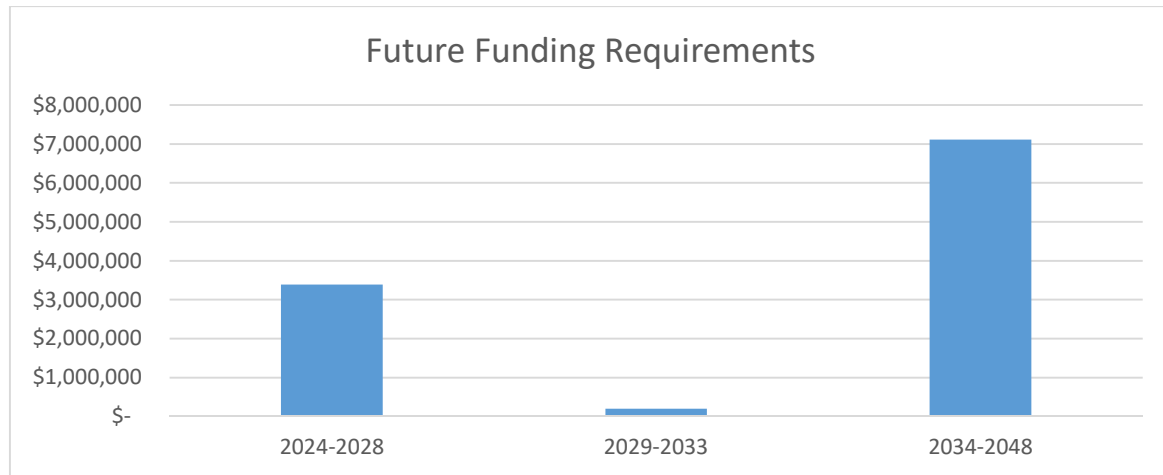
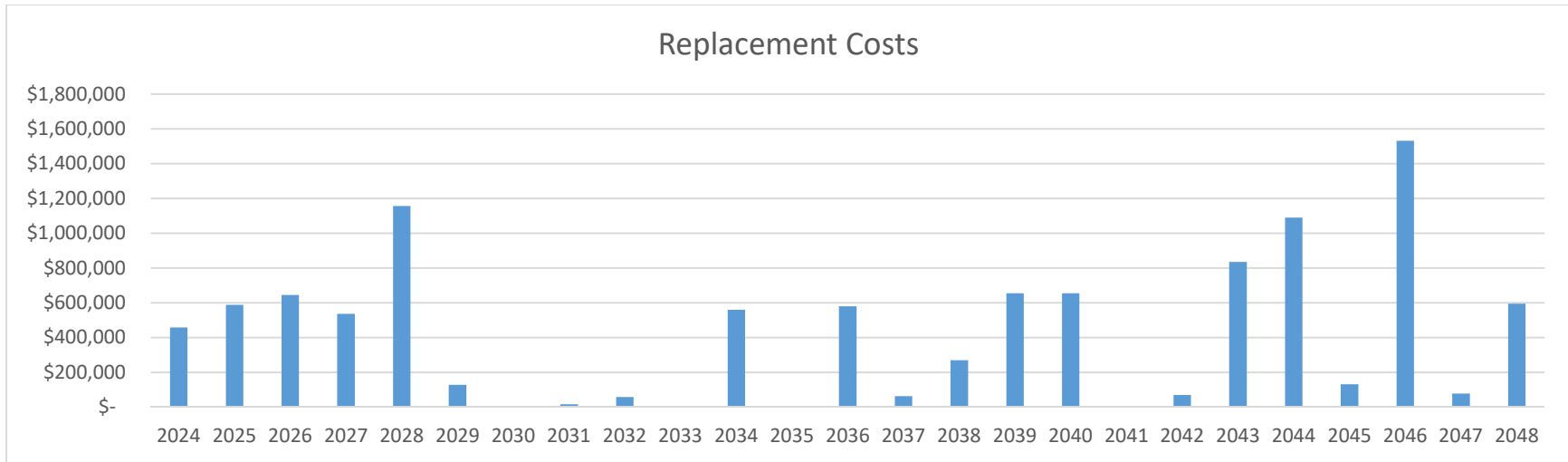
PERCENTAGE OF USEFUL LIFE USED	NUMBER OF VEHICLES AND EQUIPMENT
0% - 25% (EXCELLENT CONDITION)	5
26% - 50% (GOOD CONDITION)	5
51% - 75% (FAIR CONDITION)	3
76% - 100% OR MORE (POOR CONDITION)	14

Based on the established service life the Township’s current vehicles have used an average of 57% of their total service life and the equipment has used an average of 77% of their service life.

When the distribution of the percentage of service life used is analyzed we can see that approximately 52% of the vehicles and equipment have less than 25% of their service life remaining.



Based on the age-based replacement schedule which assumes a 2% annual inflation of costs, the total replacement costs for all vehicles and equipment over the next 25 years is estimated to be \$10,702,466. Over one-third of this amount, a total of \$3,386,280 will be spent in the period 2024-2028; an additional \$203,533 will be spent over the period 2029 to 2033, and the balance of \$7,112,653 will be spent during the period 2034 to 2048. These replacements are illustrated in the following graph:



Condition-Based Assessment

A preferred alternative to age-based assessments is condition Assessments. Condition assessments focus on evaluating the physical condition, operational performance, and overall health of each individual asset. This assessment involves regular inspections, diagnostics, and testing to determine the current condition of a vehicle or piece of equipment. This type of assessment is often based on specific criteria and standards set by manufactures or industry best practices.

The Perth South Asset Management Plan was updated in July 2022 in accordance with the requirements of *O. Regulation 588/17 Asset Management Planning for Municipal Infrastructure*. This regulation, and its associated Act, the *Infrastructure for Jobs and Prosperity Act*, were established to create a mechanism to encourage principled, evidenced-based and strategic long-term infrastructure planning. The objective of the plan is to provide Perth South with a complementary tool to make decisions on how best to manage capital assets in a sustainable way, and in order to do so, recommended that the asset inventories be updated regularly, which includes including asset condition ratings and information on useful life in the asset registry.

Undertaking condition assessments of the vehicle and equipment assets would provide a more detailed insight into the specific condition of each asset that is not provided through the general overview provided by the age-based method. Having the condition assessments would assist decision makers in determining whether maintenance, repairs, or replacement are necessary on an asset-by-asset basis.

Financing New Purchases

Perth South uses its Road Equipment Reserve Fund as a source of funding to purchase new vehicles and equipment. Each year a contribution to this reserve is funded by the tax levy rather than making the purchase directly from the levy each year the vehicle and/or equipment is purchased. This method helps smooth the financial impact on the levy and prevents large swings in the annual taxation rate.

In order to determine the amount of the annual contribution to the Road Equipment Reserve Fund, a schedule that includes a listing of all assets, their useful life, current replacement cost and estimated annual inflation rates is used to estimate the cost of replacing the assets over a 25-year period. This schedule is very important as it is used to ensure there will be sufficient funding in the reserve account when new vehicle and equipment purchases are required.

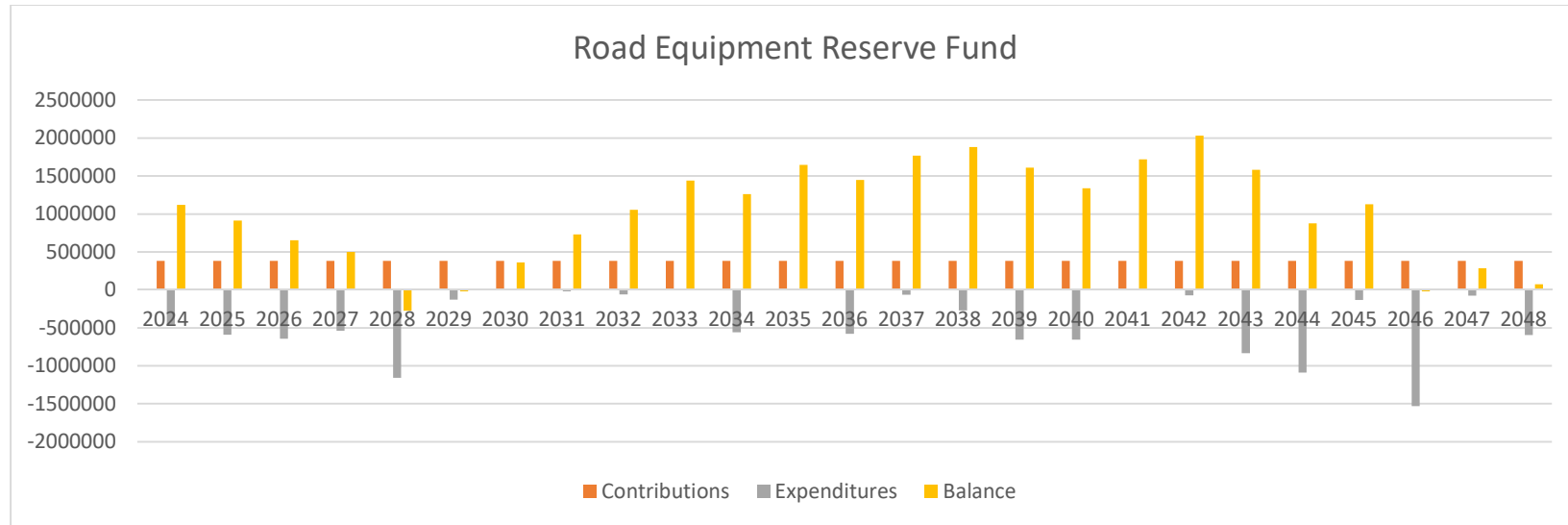
The current balance of the Road Equipment Reserve Fund is \$1,195,732.

Annual Vehicle and Equipment Reserve Contribution

Based on the age of the vehicles and equipment, the current replacement costs, and the estimated inflation rate we have determined that the annual Vehicle and Equipment Reserve contribution required in each of the next 25 years is \$383,213. In order to achieve this level of funding the prior year contribution will have to be increased by \$50,950 which represents an approximately 1.3% levy increase. This increase follows a significant increase to the annual contribution made in 2022 when an increase of \$139,267 was made to the annual reserve contribution, which represented a 3.87% levy increase. The increases required can be primarily attributed to the increasing cost of vehicles and equipment in the market and the high inflation rates that continue to push the replacement costs higher each year.

Despite this additional funding, the reserve fund will be in a negative position at three points over the 25- year period. In 2028 and 2029 the reserve fund will have a negative balance of \$274,483 and \$19,663 respectively, and again in 2046, with a negative balance of \$19,772.

With this level of contribution, the fund will have its lowest balance of negative \$274,483 in 2028 and its highest balance of \$2,033,545 in 2038.



Capital Grants

The budget includes capital funding from two primary sources:

1. Canadian Community Building Fund (CCBF) (formerly Federal Gas Tax bracket), and
2. Ontario Community Infrastructure Fund (OCIF).

Canada Community Building Fund (CCBF)

The grant funding from the CCBF has been maintained at the current level with \$126,088 annually included in the 2024 budget and 2025-2029 forecast.

Ontario Community Infrastructure Fund (OCIF)

Beginning with the 2023 allocations, the OCIF formula is being calculated using estimates of Current Replacement Value (CRV) of municipal core infrastructure (roads, bridges, water, and waste water systems) to approximate the amount of funding required to maintain these assets in place of closing asset cost balances from the Financial Information Return (FIR). In 2023, a smoothing mechanism was introduced to support the stability and predictability which generally limits changes in funding to within plus or minus 15% of the previous year's allocation (meaning, funding changes for 2024 would be within 15% of the 2023 allocation).

The grant funding from OCIF has been increased from \$370,408 in 2023 to \$425,969. This increase of \$55,561, or 15%, is a result of a re-design to the formula used to allocate funds to municipalities.

The 2023 OCIF grant was not fully spent in 2023 due to the significant savings realized on the project. The unspent amount, a total of \$44,929, has been carried forward to 2024 and will be applied against the Line 4 paving project.

Other Grant Funding

Applying for grant funding is an important strategy for staff to undertake annually. Grant funding helps reduce the cost of capital projects. Staff will continue to investigate grant funding opportunities for the current and forecasted projects, and any grant funding received beyond what is in the forecast will reduce pressure on the reserves, reserve funds, and future levy requirements.

Reserves and Reserve Funds

Reserves and Reserve Funds are established by Council to assist with long-term financial stability planning for infrastructure investment. By establishing and maintaining reserves, Perth South can accumulate funds for future expenditures or contingent liabilities.

RESERVES AND RESERVE FUNDS				
ENDING BALANCE AS OF DECEMBER 31,	2021	2022 Contributions	2022 Withdrawals	2022
RESERVES	Beginning Balance			Ending Balance
WORKING CAPITAL RESERVE	1,881,145	-	24,647	1,856,498
GREEN HOUSE GAS REDUCTION RESERVE	6,389	8,832	-	15,221
ECONOMIC DEVELOPMENT RESERVE	352,279	-	-	352,279
COUNCIL LAPTOP RESERVE	4,550	4,550	-	9,100
TAX STABILIZATION RESERVE	241,197	-	-	241,197
ELECTION RESERVE	18,504	(2,275)	16,229	-
GROUP BENEFITS RESERVE	22,155	-	-	22,155
SAFE RESTART (COVID-19) RESERVE	60,008	-	30,431	29,576
SERVICE DELIVERY & EFFICIENCY RESERVE	252,983	-	-	252,983
KIRKTON LANDFILL PERPETUAL RESERVE	20,000	-	-	20,000
DRAINAGE RESERVE FUND	216,973	-	40,628	176,345
ST. MARYS FIRE RESERVE	11,340	-	-	11,340
FIRE CALL RECOVERY RESERVE	2,460	-	-	2,460
POLICING RESERVE	56,059	21,019	49,285	27,793
OCLIF RESERVE	27,791	-	3,417	24,374
ANIMAL CONTROL RESERVE	3,375	-	-	3,375
DOWNIE COMPLEX	10,840	-	-	10,840
DOWNIE RECREATION PROGRAM	29,157	3,267	-	32,423
RECREATION - DOWNIE COMMUNITY HALL	13,959	-	13,959	(0)
KIRKTON WOODHAM SWIMMING POOL	106,250	-	-	106,250
KIRKTON ARBORETUM RESERVE	8,297	-	-	8,297
BRIDGE RESERVE	1,486,994	-	-	1,486,994
BOUNDARY BRIDGE RESERVE	269,239	-	-	269,239

ROAD CAPITAL RESERVE	2,017,789	-	670,480	1,347,309
ROAD EQUIPMENT RESERVE	1,136,604	357,570	337,706	1,156,469
SEVERE WEATHER RESERVE FUND	100,000	-	-	100,000
SEBRINGVILLE SUBDIVISION CLASS EA	-	10,000	-	10,000
TOTAL RESERVES	8,356,334	402,963	1,186,781	7,572,516
ENDING BALANCE AS OF DECEMBER 31,	2021	2022 Contributions	2022 Withdrawals	2022
RESERVE FUNDS	Beginning Balance	Budgeted	Budgeted	Ending Balance
BLACK CREEK WATER RESERVE	126,206	13,257	5,604	133,859
ST. PAULS WATER RESERVE	180,749	18,441	2,368	196,822
SEBRINGVILLE STREETLIGHTS RESERVE	10,367	7,084	-	17,450
AVONTON STREETLIGHTS RESERVE	3,574	823	-	4,397
KIRKTON/WOODHAM STREET LIGHT RESERVE	6,680	6,765	-	13,445
ST. PAULS STREETLIGHTS RESERVE	6,219	2,010	-	8,228
BUILDING PERMIT FEE STABILIZATION RESERVE	257,769	32,593	39,095	251,266
SEBRINGVILLE CEMETERY RESERVE	40,071	-	2,968	37,103
TOTAL RESERVE FUNDS	631,634	80,972	50,036	662,570
TOTAL RESERVES & RESERVE FUNDS	8,987,967	483,935	1,236,817	8,235,086
2022 NET CONTRIBUTIONS AND WITHDRAWALS				(752,882)

Service Level Improvements

There have been a number of requests from residents for improvement to existing infrastructure that would result in a service level improvement. Service level improvements are not included in the current Asset Management Plan as this plan assumes that all replacements will be made on a like-for-like basis. A summary of the requests received including the asset to be improved, a description of the improvement requested, the cost of the improvement, and the source of the request have been summarized in the chart below:

Asset to be Improved	Description of Improvements	Cost of Improvements (2024 \$'s)	Source of Request
Steffen Road – from Line 34 (Hwy 8) south to end of road	Construct and pave a gravel road surface with 1 lift of HCB	\$69,825	
Road 122 – from 300m south of Perth Line 20 to Line 16	Construct and pave a gravel road surface with 1 lift of HCB	\$656,183	
New Concrete Sidewalk in St. Pauls	Addition of concrete sidewalk along Road 122 to replace stone dust sidewalk installed in 2021.	\$41,400	Request from residents in 2023
New Concrete Sidewalk in Sebringville	Addition of concrete sidewalk to replace existing stone dust sidewalk from Line 24 (Hwy 8) to Boyce Street.	\$114,310	Request from residents in 2023
Line 14 – from Perth Road 130 to Road 125	Construct and pave a gravel surface with 1 lift of HCB.	\$660,968	Request from residents in 2023
Line 9 – from Road 114 to Road 115	Construct and pave a gravel road surface with 2 lifts of HCB.	\$1,516,362	Request from residents in 2023
Line 9 – from Road 115 to Line 15	Construct and pave a gravel road surface with 2 lifts of HCB	\$799,309	Request from residents in 2023
Line 12 – From Road 164 (Hwy 23) to Perth Road 163	Construct and pave a gravel road surface with 2 lifts of HCB	\$2,170,112 (net of an equal cost recovery from West Perth)	Request from residents in 2023
Total Cost of Improvements		\$6,028,468	

CURRENT AND 5 YEAR CAPITAL PLAN

	2024	2025	2026	2027	2028	2029	Totals
General Government							
Administration							
Records Management		\$35,000					
Total	\$0	\$35,000	\$0	\$0	\$0	\$0	\$35,000
Protection of People and Property							
Building Department							
Computer Hardware	\$3,500						
Total	\$3,500	\$0	\$0	\$0	\$0	\$0	\$3,500
Policing Department							
Police Cruiser		\$78,756			\$90,978		
Total Policing Department	\$0	\$78,756	\$0	\$0	\$90,978	\$0	\$169,734
Transportation							
Roads							
Perth-Oxford Boundary (S. 148, 149 & 150)	\$307,660						
Line 4 (S. 21 & 22)	\$1,345,717						
Line 26 (S. 134)	\$232,077						
Road 133	\$256,122						
Line 16 (S. 129)		\$473,229					
Line 16 (S. 127 & 128)		\$471,186					
Line 15 (S. 121 & 122)		\$471,869					
Road 137		\$92,235					
Road 115 (S.159 & 160)			\$663,384				
Line 9 (S. 152, 153.2 & 154.2)			\$155,689				
Road 122 (S. 116)			\$241,757				
Line 15 (S. 120)			\$240,828				
Line 29 (S. 137 & 138)				\$1,533,264			
Road 125 (S. 105)				\$70,915			
Road 125 (S. 106.2)				\$17,908			
Line 29 (S. 139)				\$156,585			
Line 29 (S. 169)				\$122,372			
Bannerd Drive (S. 110)				\$48,744			
Line 7 (S. 172)				\$73,184			
Line 32 (S. 140)				\$78,981			
Line 12 (S. 4.2)				\$15,918			
Boyce Street (S. 89)					\$272,759		
Herman Street					\$29,598		
Hammond Street					\$35,759		
Flax Mill Road					\$30,978		
Station Road					\$1,103,215		
Road 137					65,423		
Line 6						\$2,251,339	

CURRENT AND 5 YEAR CAPITAL PLAN

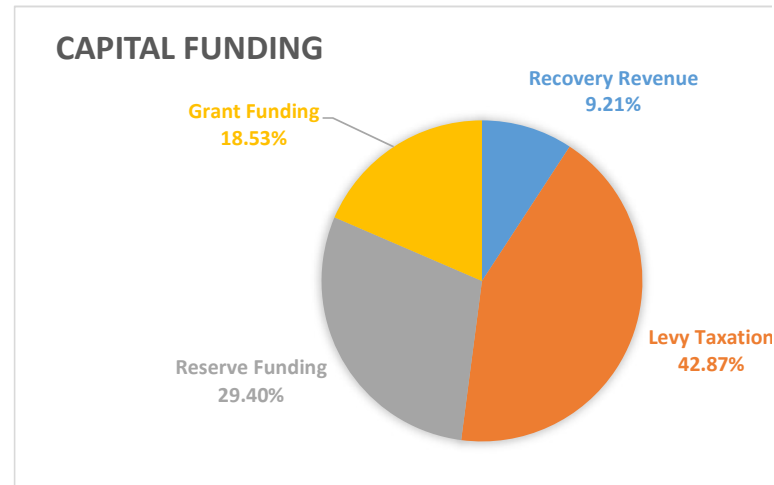
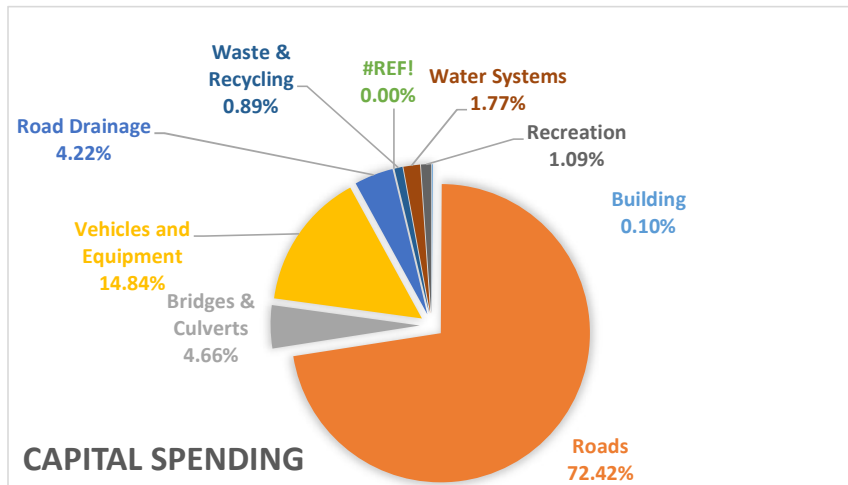
	2024	2025	2026	2027	2028	2029	Totals
Total	\$2,141,576	\$1,508,519	\$1,301,658	\$2,117,871	\$1,537,732	\$2,251,339	\$10,858,695
Bridges							
Culvert 46	\$157,769						
Bridge 22		\$15,881					
Culvert 108		\$328,200					
Culvert 61		\$28,585					
Bridge 39			\$17,278				
Bridge 67			\$18,358				
Bridge 21			\$677,088				
Bridge 130				\$183,948			
Bridge 102					\$896,514		
Bridge 44						\$521,422	
Total	\$157,769	\$372,666	\$712,724	\$183,948	\$896,514	\$521,422	\$2,845,043
Vehicle and Equipment							
Tandem Dump	\$400,000			\$424,483	\$432,973		
Disc Mower - #1	\$18,900					\$20,867	
Disc Mower - #2	\$18,900					\$20,867	
3/4-Ton Pickup	\$64,109					\$98,072	
4X4 Tractor Loader		\$124,673					
Grader		\$510,000	\$676,260		\$703,581		
1-Ton Pickup				\$113,421			
1/2-Ton Pickup				\$65,185			
Sweeper					\$21,251		
Wood Chipper					\$69,394		
Plow						\$16,867	
Total	\$501,909	\$634,673	\$676,260	\$603,089	\$1,227,199	\$156,673	\$3,799,803
Roads Drainage - Municipal Drains							
Levy Drain	\$24,630						
Sommerville Drain	\$48,110						
Hawkins Drain	\$20,000						
Pike Drain	\$50,000						
Massey Drain		\$25,000					
Total	\$142,740	\$25,000	\$0	\$0	\$0	\$0	\$167,740
Waste & Recycling							
Downie Landfill							
Downie Landfill	\$30,000						
Total	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000

CURRENT AND 5 YEAR CAPITAL PLAN

	2024	2025	2026	2027	2028	2029	Totals
Water Services							
St. Pauls Water System							
New Well and Pump	\$60,000						
Total	\$60,000	\$0	\$0	\$0	\$0	\$0	\$60,000
Recreation Facilities							
Kirkton Swimming Pool							
Accessibility Upgrades to Pool House	33,312						
Total	\$33,312	\$0	\$0	\$0	\$0	\$0	\$33,312
Total Capital	\$3,070,806	\$2,654,614	\$2,690,642	\$2,904,908	\$3,752,423	\$2,929,434	\$18,002,827
	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>Total</u>
Total Reserve Funding	\$ 994,271	\$ 748,429	\$ 676,260	\$ 603,089	\$ 1,318,177	\$ 156,673	\$ 4,496,899
Total Grant Funding	\$ 626,597	\$ 552,057	\$ 552,057	\$ 552,057	\$ 552,057	\$ 552,057	\$ 3,386,882
Total Levy Funding	\$ 1,449,938	\$ 1,354,128	\$ 1,462,324	\$ 1,749,763	\$ 1,882,189	\$ 2,220,705	\$ 10,119,047
Total Funding	\$ 3,070,806	\$ 2,654,614	\$ 2,690,642	\$ 2,904,908	\$ 3,752,423	\$ 2,929,434	\$ 18,002,827

2024 - Summary Capital Projects

Project Name	Capital Cost	Recovery Revenue	Net Cost	Levy Taxation	Reserve Funding	Grant Funding
Protective Services						
Building Department	3,500	-	3,500	-	3,500	-
Transportation						
Roads	\$ 2,449,235	\$ 307,660	\$ 2,141,576	\$ 1,288,468	\$ 256,122	\$ 596,986
Bridges & Culverts	\$ 157,769	\$ -	\$ 157,769	\$ 157,769	\$ -	\$ -
Vehicles and Equipment	\$ 501,909	\$ -	\$ 501,909	\$ -	\$ 501,909	\$ -
Drainage - Municipal Drains	\$ 142,740	\$ -	\$ 142,740	\$ -	\$ 142,740	\$ -
Waste & Recycling						
Downie Landfill	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ 30,000	\$ -
St. Pauls Water System						
Drinking Water Wells	\$ 60,000	\$ -	\$ 60,000	\$ -	\$ 60,000	\$ -
Recreation Services						
Kirkton Swimming Pool	\$ 37,013	\$ 3,701	\$ 33,312	\$ 3,701	\$ -	\$ 29,611
Total Capital	3,382,166	311,361	3,070,805	1,449,938	994,271	626,597



**Township of Perth South
2024 - Detailed Summary of Capital Projects**

Project Name	Total Cost	Recovery Revenue	Net Cost	Levy Taxation	Reserve Transfers	Grant Funding
Protective Services						
Building Department	\$ 3,500	\$ -	\$ 3,500	\$ -	\$ 3,500	\$ -
Total Protective Services	\$ 3,500	\$ -	\$ 3,500	\$ -	\$ 3,500	\$ -
Transportation						
<u>Roads</u>						
Perth Oxford Boundary	\$ 615,319	\$ 307,660	\$ 307,660	\$ 181,572	\$ -	\$ 126,088
Line 4	\$ 1,345,717	\$ -	\$ 1,345,717	\$ 874,819	\$ -	\$ 470,898
Line 26	\$ 232,077	\$ -	\$ 232,077	\$ 232,077	\$ -	\$ -
Road 133	\$ 256,122	\$ -	\$ 256,122	\$ -	\$ 256,122	\$ -
Total Roads	\$ 2,449,235	\$ 307,660	\$ 2,141,576	\$ 1,288,468	\$ 256,122	\$ 596,986
<u>Bridges & Culverts</u>						
Culvert 46	\$ 157,769	\$ -	\$ 157,769	\$ 157,769	\$ -	\$ -
Total Bridges & Culverts	\$ 157,769	\$ -	\$ 157,769	\$ 157,769	\$ -	\$ -
<u>Vehicles and Equipment</u>						
Tandem Dump	\$ 400,000	\$ -	\$ 400,000	\$ -	\$ 400,000	\$ -
Disc Mower	\$ 18,900	\$ -	\$ 18,900	\$ -	\$ 18,900	\$ -
Disc Mower	\$ 18,900	\$ -	\$ 18,900	\$ -	\$ 18,900	\$ -
3/4 Ton Pick UP	\$ 64,109	\$ -	\$ 64,109	\$ -	\$ 64,109	\$ -
Total Equipment	\$ 501,909	\$ -	\$ 501,909	\$ -	\$ 501,909	\$ -
<u>Drainage - Municipal Drains</u>						
Levy Drain	\$ 24,630	\$ -	\$ 24,630	\$ -	\$ 24,630	\$ -
Sommerville Drain	\$ 48,110	\$ -	\$ 48,110	\$ -	\$ 48,110	\$ -
Hawkins Drain	\$ 20,000	\$ -	\$ 20,000	\$ -	\$ 20,000	\$ -
Pike Drain	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -
Total Drainage - Municipal Drains	\$ 142,740	\$ -	\$ 142,740	\$ -	\$ 142,740	\$ -
Waste & Recycling Department						
Downie Landfill	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ 30,000	\$ -
Total Waste & Recycling	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ 30,000	\$ -
St. Pauls Water System						
New Well Installation	\$ 60,000	\$ -	\$ 60,000	\$ -	\$ 60,000	\$ -
Total Recreation	\$ 60,000	\$ -	\$ 60,000	\$ -	\$ 60,000	\$ -
Recreation Department						
Kirkton Swimming Pool	\$ 37,013	\$ 3,701	\$ 33,312	\$ 3,701	\$ -	\$ 29,611
Total Recreation	\$ 37,013	\$ 3,701	\$ 33,312	\$ 3,701	\$ -	\$ 29,611
Total Capital	\$ 3,382,166	\$ 311,361	\$ 3,070,805	\$ 1,449,938	\$ 994,271	\$ 626,597



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description

The replacement of the laptop and tablet used by the Chief Building Official while carrying out their duties, including on-site inspections

Project Justification

		Project Budget							
		Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures									
Advertising	\$	-							
Materials Purchased		-							
Engineering		-							
Contracted Services		3,500		3,500					
Total Expenditures	\$	3,500	\$ -	\$ 3,500	\$ -	\$ -	\$ -	\$ -	\$ -
Funding									
Levy Funding	\$	-	\$ -						
Reserve Funding		3,500		3,500					
Grant Funding		-							
Total Funding	\$	3,500	\$ -	\$ 3,500	\$ -	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

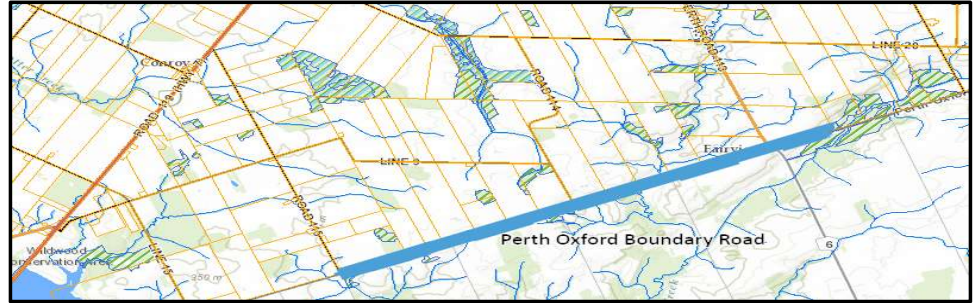
Project Name: Perth Oxford Boundary Road - from 0.2 km east of Road 113 to Road 115

Department: Public Works - Roads

Project Manager: Ken Bettles

Start Date: May 2024 **Completion Date:** October 2024

Budget Version: Council Approved **Year:** 2024



Project Description

The Perth Oxford road is boundary road with the Township of Zorra. This road was reconstructed in 2023. This project involves the addition of the second lift. Perth South will undertake the management of this project and will bill the Township of Zorra for 50% of the total cost.

Project Justification

The second lift of asphalt will increase the thickness of the asphalt. This additional lift of asphalt will improve the durability and life span of the road as well as increasing its load carrying capacity.

Project Details

Road Length Section 148: (m/kms)	459m / 0.459kms
Road Length Section 149: (m/kms)	2514m / 2.514kms
Road Length Section 150: (m/kms)	2958m / 2.958kms
Total Road Length: (m/kms)	5931m / 5.931kms
Boundary Road	Yes
Traffic Range (VPD)	50-199 (S. 148) and 200-499 (S.149 & 150)
Road Maintenance Class	4
Surface type	HCB - 1 lift
Road Surface/Structure Rating * Section 148	10 / 9
Road Surface/Structure Rating * Section 149	10 / 9
Road Surface/Structure Rating * Section 150	10 / 9
Drainage Rating	Good / Ditch
Ward	Downie
2024 Age/Useful Life (%)	1 / 5%

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ 500		\$ 500					
Salaries & Wages	\$ 2,765		\$ 2,765					
Materials Purchased	-							
Engineering	1,500		1,500					
Contracted Services	610,554		610,554					
Total Expenditures	\$ 615,319	\$ -	\$ 615,319	\$ -	\$ -	\$ -	\$ -	\$ -
Funding								
Recovery Funding	\$ 307,660		\$ 307,660					
Levy Funding	181,572		181,572					
Reserve Funding	-		-					
Grant Funding - Canada Community-Building Fund	126,088		126,088					
Total Funding	\$ 615,319	\$ -	\$ 615,319	\$ -	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description

Road section 21 and 22 were paved in 2004 with 50mm HL-4 of asphalt at a cost of \$570,780. In 2017, Bridge Structure 17, located in Road Section 22, was repaired. Based on a 2023 inspection, Road Sections 21 and 22 Road Condition decreased from 7.5 and 7.0 to 5.0 and 5.0 respectively, in comparison to the 2017 rating. These road sections were included in the 2018 Road Management Study as needing a FiberMat application in 2022. The work currently being proposed includes a rural full depth pulverize and pave.

Project Justification

Section 21: Paved in 2004. Cracking up to alligating.

Section 22: Paved in 2004. Some cracking up to localized alligating.

The asset will be 20 years old, 100% of its useful life, when replaced in 2024.

Project Details

Road Length Section 21: (m/kms)	3057m / 3.057kms
Road Length Section 22: (m/kms)	2891m / 2.891kms
Total Road Length: (m/kms)	5948m / 5.948kms
Boundary Road	No
Traffic Range	200-499
Road Maintenance Class	4
Surface type	HCB - 1 lift
Road Surface/Structure Rating * Section 21	5 / 7.5
Road Surface/Structure Rating * Section 22	5 / 7
Drainage Rating	Good / Ditch
Ward	Blanshard
2024 Age/Useful Life (%)	20 / (100%)

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ 500		\$ 500					
Salaries & Wages	\$ 7,417		\$ 7,417					
Materials Purchased	-							
Engineering	1,500		1,500					
Contracted Services	1,336,300		1,336,300					
Total Expenditures	\$ 1,345,717	\$ -	\$ 1,345,717	\$ -	\$ -	\$ -	\$ -	\$ -
Funding								
Levy funding	\$ 874,819		\$ 874,819					
Reserve Funding	-		-					
Grant Funding - Ontario Community Infrastructure Fund (OCIF)	470,898		470,898					
Total Funding	\$ 1,345,717	\$ -	\$ 1,345,717	\$ -	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description
 Road Section 134 was paved in 2002 with 50mm HL-4 of asphalt at a cost of \$190,730. Asphalt repairs were made in 2020 at a cost of \$21,172. Based on a 2023 inspection, this section had an improved Road Surface rating of 10 in comparison to the 2018 rating of 7 due to repaving. This road section was included in the 2018 Road Management Study as needing sub drainage added over the full length and rural full depth pulverize and pave. This work was completed in 2021 at a cost of \$199,249. The project proposed for 2024 will add a second lift of asphalt to the roadway.

Project Justification
 The second lift of asphalt will increase the thickness of the asphalt. This additional lift of asphalt will improve the durability and life span of the road as well as increasing its load carrying capacity.

Project Details

Road Section	134
Road Length (m/kms)	2066m / 2.066kms
Boundary Road	No
Traffic Range (VPD)	200-499
Road Maintenance Class	4
Surface type	HCB - 1 lift
Road Surface/Structure Rating	10 / 8
Drainage Rating	Good / Ditch
Ward	Downie
2023 Age/Useful Life (%)	2/20 (10%)

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ 500		\$ 500.00					
Salaries & Wages	\$ 1,383		\$ 1,383.00					
Materials Purchased	-							
Engineering	1,500		1,500					
Contracted Services	228,694		228,694					
Total Expenditures	\$ 232,077	\$ -	\$ 232,077	\$ -	\$ -	\$ -	\$ -	\$ -
Funding								
Levy funding	\$ 232,077		\$ 232,077					
Reserve Funding	-							
Grant Funding - Ontario Community Infrastructure Fund (OCIF)	-							
Total Funding	\$ 232,077	\$ -	\$ 232,077	\$ -	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name: Road 133 - from St. Marys Town Limits to Bridge

Department: Public Works - Roads

Project Manager: Ken Bettles

Start Date: May 2024 **Completion Date:** Oct 2024

Budget Version: Council Approved **Year:** 2024



Project Description
 Road Section 161 was paved in 2004 with 50mm HL-4 of asphalt at a cost of \$295,130. In 2015 the existing asphalt was overlaid with FiberMat at a cost of \$32,337. Based on a 2018 inspection, this section had an improved Street Condition Rating of 9.0 in comparison to the 2013 rating of 6.0. This road section was not included in the 2018 Road Management Study as needing work. The work currently being proposed includes pulverize existing asphalt, drainage improvements, and new base asphalt. This project was moved from 2025 to 2024 during 2024 budget deliberations as Council wanted to use some of the 2023 surplus to fund an additional infrastructure investment.

Project Justification
 Section 161: Paved in 2002. (insufficient base). Overlaid with FiberMat 2015.

Project Details

Road Section	161
Road Length (m/kms)	1116m / 1.116kms
Boundary Road	No
Traffic Range (VPD)	50-199
Road Maintenance Class	4
Surface type	HCB - 1 lift
Road Surface/Structure Rating	5 / 6.5
Drainage Rating	Good / Ditch
Ward	Blanshard
2024 Age/Useful Life (%)	20/20 (100%)

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ 500		\$ 500					
Materials Purchased	-							
Engineering	1,500		1,500					
Contracted Services	254,122		254,122					
Total Expenditures	\$ 256,122	\$ -	\$ 256,122	\$ -	\$ -	\$ -	\$ -	\$ -
Funding								
Levy Funding	\$ -		\$ -					
Reserve Funding	256,122		256,122					
Grant Funding	-		-					
Total Funding	\$ 256,122	\$ -	\$ 256,122	\$ -	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description	
Culvert 46 is located on Line 14 between Road 134 and Perth Road 130. It is a steel culvert installed in 1985 at a cost of \$131,979. It was anticipated to last for 50 years, until 2035. Replacement prior to this date will result in a loss on disposal. The Bridge Condition Index (BCI) was 66 in 2019. In 2021 the Bridge Inspection Report identified work on this culvert as a priority. The work required included protecting corroding plates with concrete overlay or liner.	
Project Justification	
Due to the size and amount of fill the structure supports, it is anticipated that replacement would be very expensive for the township. A concrete liner is proposed for the bottom of the culvert to extend the life by slowing the rate of deterioration of the metal.	

Project Details	
Span Length	3.15 m
Current Replacement Value	\$724,500
Boundary Structure	No
Structure Group	Culverts
Structure Type	CSP Round Culvert
Surface Type	Asphalt
Bridge Condition Index	66
Ward/Geographic Twp	Downie
Year of Construction	1984

	Project Budget							
	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ 300		\$ 300					
Materials Purchased	-							
Engineering	6,084	3,042	3,042					
Contracted Services	187,961	33,534	154,427					
Total Expenditures	\$ 194,345	\$ 36,576	\$ 157,769	\$ -	\$ -	\$ -	\$ -	\$ -
Funding								
Levy funding	\$ 194,345	\$ 36,576	\$ 157,769					
Reserve Funding	-							
Grant Funding	-							
Total Funding	\$ 194,345	\$ 36,576	\$ 157,769	\$ -	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**

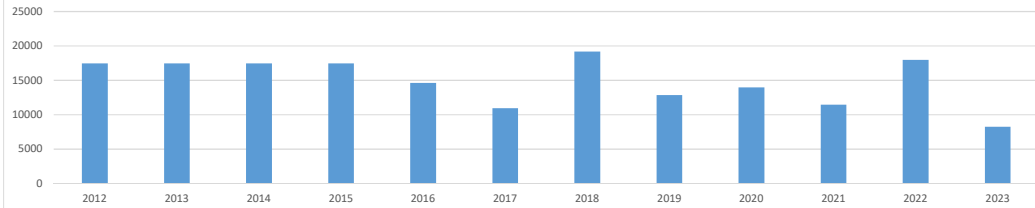


Project Description

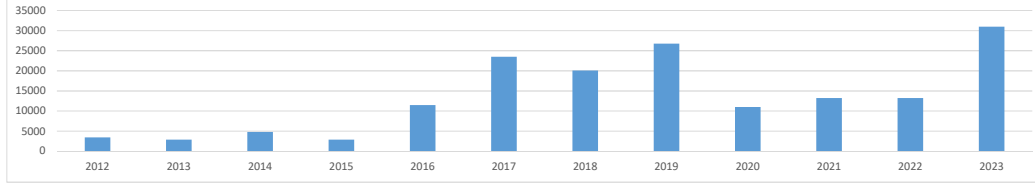
Carryforward from 2023. Replacement of truck #29. Truck #29 is a 2012 International Tandem plow truck. The truck is 12 years old and is at the end of its useful life of 12 years. This tandem truck currently has 179,076 kms, which represents an average annual mileage of 14,923 kms. A total of \$164,244 has been spent on repairs and maintenance, which represents an average annual repair and maintenance cost of \$12,634. The proceeds from the disposal of this truck will be placed in the Reserve Fund for future equipment purchases.

Project Justification

2012 International Annual Kms.



2012 International Annual Repair & Maintenance Costs



Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -		\$ -					
Materials Purchased	400,000		400,000					
Engineering	-		-					
Contracted Services	-		-					
Total Expenditures	\$ 400,000	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -
Funding								
Levy Funding	\$ -		\$ -					
Reserve Funding	400,000		400,000					
Grant Funding	-		-					
Total Funding	\$ 400,000	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: Completion Date:

Budget Version: Year:



Project Description

A disc mower is a piece of equipment used to cut roadside grass. It consists of a cutter bar that is mounted on a frame and is driven by a power source, such as a tractor. The cutter bar is equipped with a series of disc-shaped blades, which rotate at a high speed and are used to cut the grass, including tough vegetation, as the mower moves along the roadside.

Project Justification

This project is a carry forward from 2023. The disc mowers have a useful life of 5 years. The New Holland Disc Mower was purchased in 2018 at a cost of \$12,201. The old equipment will be sold at auction and the proceeds will be placed in the Equipment Reserve to fund future equipment purchases.

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -		\$ -					
Materials Purchased	18,900		18,900					
Engineering	-		-					
Contracted Services	-		-					
Total Expenditures	\$ 18,900	\$ -	\$ 18,900	\$ -	\$ -	\$ -	\$ -	\$ -
Funding								
Levy Funding	\$ -		\$ -					
Reserve Funding	18,900		18,900					
Grant Funding	-		-					
Total Funding	\$ 18,900	\$ -	\$ 18,900	\$ -	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description

A disc mower is a piece of equipment used to cut roadside grass. It consists of a cutter bar that is mounted on a frame and is driven by a power source, such as a tractor. The cutter bar is equipped with a series of disc-shaped blades, which rotate at a high speed and are used to cut the grass, including tough vegetation, as the mower moves along the roadside.

Project Justification

The disc mowers have a useful life of 5 years. The New Holland Disc Mower was purchased in 2019 at a cost of \$12,201. The old equipment will be sold at auction and the proceeds will be placed in the Equipment Reserve to fund future equipment purchases.

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -		\$ -					
Materials Purchased	18,900		18,900					
Engineering	-		-					
Contracted Services	-		-					
Total Expenditures	\$ 18,900	\$ -	\$ 18,900	\$ -	\$ -	\$ -	\$ -	\$ -
Funding								
Levy Funding	\$ -		\$ -					
Reserve Funding	18,900		18,900					
Grant Funding	-		-					
Total Funding	\$ 18,900	\$ -	\$ 18,900	\$ -	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



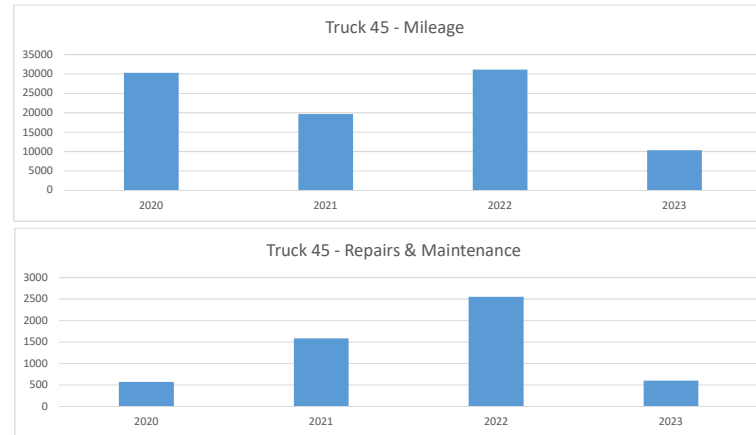
Project Description

Replacement of Ford F250 truck #45. Truck is used for public works road patrol and maintenance activities. This truck is also equipped with a sander and front plow for use in the winter clearing snow. The truck was purchased in 2019 at a cost of \$38,059. The plow and sander are not part of this replacement purchase. This truck has a total of 91,264 KMs, which represents an average annual mileage of 22,816. A total of \$5,307 has been spent on repairs and maintenance, which represents an average annual cost of \$1,327.

The old vehicle will be sold at auction and the proceeds will be placed in the Equipment Reserve to fund future vehicle purchases.

Project Justification

This truck has a useful life of 5 years and will be 5 years old in 2024.



Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -		\$ -					
Materials Purchased			-					
Engineering	64,109		64,109					
Contracted Services			-					
Total Expenditures	\$ 64,109	\$ -	\$ 64,109	\$ -	\$ -	\$ -	\$ -	\$ -
Funding								
Levy Funding	\$ -		\$ -					
Reserve Funding	64,109		64,109					
Grant Funding			-					
Total Funding	\$ 64,109	\$ -	\$ 64,109	\$ -	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

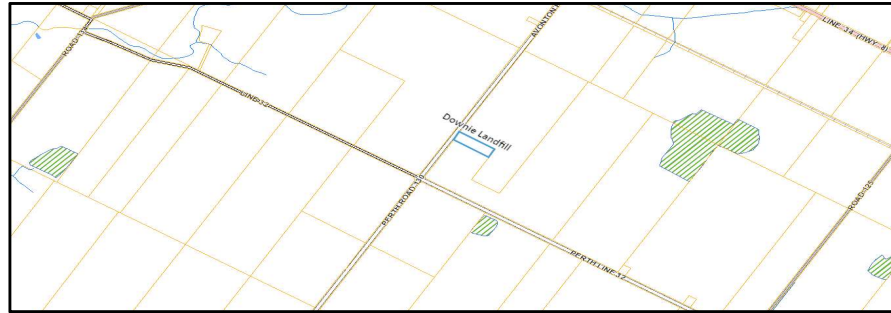
Project Name: Downie Landfill - Water Rights Purchase

Department: Waste, Recycling & Landfill

Project Manager: Rebecca Clothier/Ken Bettles

Start Date: January 2024 **Completion Date:** December 2024

Budget Version: Council Approved **Year:** 2024



Project Description

The Downie landfill is one of three landfills owned, either in whole or in part, by Perth South. It is located at 3825 Perth Road 130 in the Downie Ward. This landfill was used to dispose of solid waste materials generated by households and businesses in Perth South. This landfill is at capacity and no longer able to accept waste. Although it is closed, it continues to be regulated and monitored by the Province.

Project Justification

Ongoing monitoring of the closed site has identified the need to purchase water rights from the abutting property owner.

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -		\$ -					
Materials Purchased	-		-					
Engineering	-		-					
Contracted Services	30,000		30,000					
Total Expenditures	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -
Funding								
Levy Funding	\$ -		\$ -					
Reserve Funding	30,000		30,000					
Grant Funding	-		-					
Total Funding	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

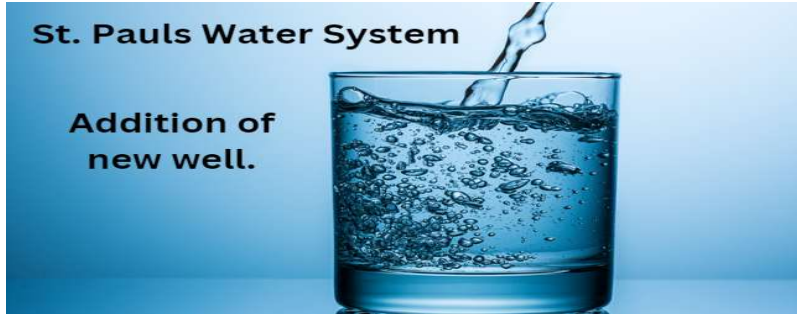
Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description

New well drilled on existing site to municipal specifications approximately 70m deep (230 ft.) using 6.625" .280 steel well casing including new well pump and associated piping to connect system.

Project Justification

Installation of new well. Cost savings are gained by keeping existing well online until new well is ready then putting new well online allowing for rehabilitation of existing well. Having two wells upon completion will provide valuable redundancy in system making it more reliable.

	Project Budget							
	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	10,000		10,000					
Contracted Services	50,000		50,000					
Total Expenditures	\$ 60,000	\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -
Funding								
Levy Funding	\$ -		\$ -					
Reserve Funding	60,000		60,000					
Grant Funding	-		-					
Total Funding	\$ 60,000	\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name: Kirkton Woodham Swimming Pool

Department: Recreation Facilities - Kirkton Pool

Project Manager: Rebecca Clothier

Start Date: March 2024 **Completion Date:** June 2024

Budget Version: Council Approved **Year:** 2024



Project Description

Based on the Accessibility Audit, the following deficiencies have been indented and recommended for repair/replacement:

Priority 1 items:

- Repair of the barrier-free pipe barrier where damaged and weld separated;
- Install horizontal and vertical grab bars in the men's washroom stall; and
- Repair damaged concrete floor in women's washroom/change room area.

Priority 2 items:

- Create a marked level area and pedestrian aisle at the end of the barrier-free pipe barrier;
- Remove and replace the current public service counter to make it AODA compliant;
- Rearrange items in the life guard area to create a barrier-free path of travel;
- Remove the two urinals in the men's washroom/change room area and reinstall one at appropriate height with added grab bars;
- Install door pulls on both sides of the washroom stall doors in both the men's and women's washroom/change rooms; and
- Remove and replace the two private dressing rooms with AODA compliant change rooms.

Project Justification

The Municipality of South Huron (MOSH) hired a consultant to complete an accessibility audit of all municipal facilities. In April 2022 a report prepared by Allan Avis Architects was presented to MOSH Council. This report included a number of deficiencies at the Kirkton Swimming Pool.

It was estimated by the consultant that the total cost of the work required to address the deficiencies identified would be \$36,612 including HST (\$32,970.24 net of refundable HST).

Following this report, MOSH applied for funding through the 2022 Enabling Accessibility Fund (AEF) - Small Projects Component. This funding request included accessibility upgrades at the Kirkton Woodham Swimming Pool. On November 10, 2023, this funding application was approved by the Government of Canada.

The amount of funding and funding source are as follows:

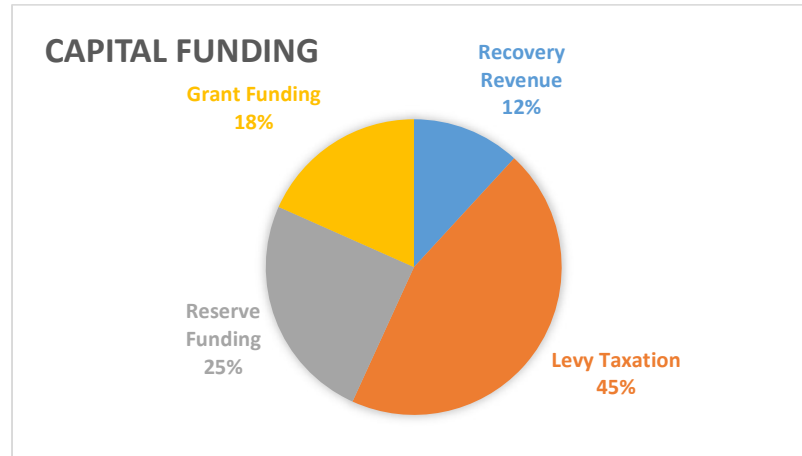
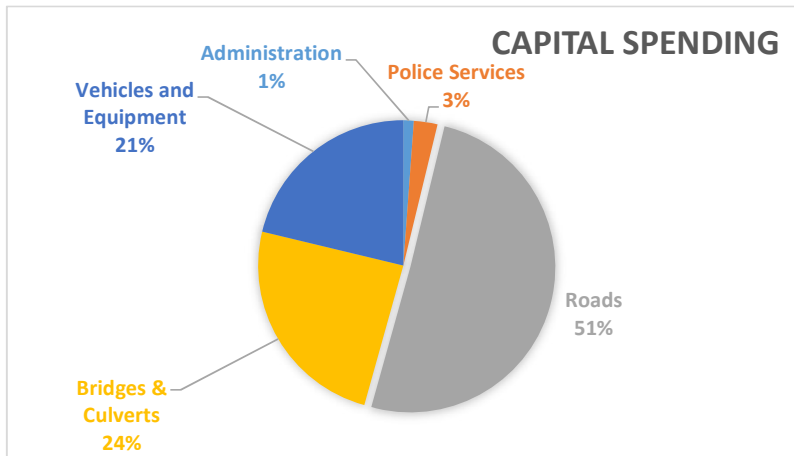
Funding Organization	Funding Amount
Employment & Social Development Canada	\$29,610.62
Municipality of South Huron and Township of Perth South	\$7,402.65
Total Funding	37,013.27

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	-							
Contracted Services	37,013		37,013					
Total Expenditures	\$ 37,013	\$ -	\$ 37,013	\$ -	\$ -	\$ -	\$ -	\$ -
Funding								
Municipal Recovery	\$ 3,701		3,701					
Levy Funding	\$ 3,701		3,701					
Reserve Funding	\$ -							
Grant Funding - Enabling Accessibility Fund (EAF)	\$ 29,611		29,611					
Total Funding	\$ 37,013	\$ -	\$ 37,013	\$ -	\$ -	\$ -	\$ -	\$ -

Township of Perth South 2025 - Summary Capital Projects

Project Name	Capital Cost	Recovery Revenue	Net Cost	Levy Taxation	Reserve Funding	Grant Funding
Administration						
Records Management	\$ 35,000	\$ -	\$ 35,000	\$ -	\$ 35,000	\$ -
Protection Services						
Police Services	\$ 78,756	\$ -	\$ 78,756	\$ -	\$ 78,756	\$ -
Transportation						
Roads	\$ 1,508,519	\$ -	\$ 1,508,519	\$ 956,462	\$ -	\$ 552,057
Bridges & Culverts	\$ 729,452	\$ 356,786	\$ 372,666	\$ 372,666	\$ -	\$ -
Vehicles and Equipment	\$ 634,673	\$ -	\$ 634,673	\$ -	\$ 634,673	\$ -
Drainage	\$ 25,000	\$ -	\$ 25,000	\$ 25,000	\$ -	\$ -
Total Capital	3,011,399	356,786	2,654,614	1,354,128	748,429	552,057



**Township of Perth South
2025 - Detailed Summary of Capital Projects**

Project Name	Total Cost	Recovery Revenue	Net Cost	Levy Taxation	Reserve Transfers	Grant Funding
General Government						
<u>Administration</u>						
Records Management	\$ 35,000	\$ -	\$ 35,000	\$ -	\$ 35,000	\$ -
Protection Services						
<u>Police</u>						
Police Cruiser	\$ 78,756	\$ -	\$ 78,756	\$ -	\$ 78,756	\$ -
Transportation						
<u>Roads</u>						
Line 15 - Sections 121-122	\$ 471,869	\$ -	\$ 471,869	\$ 471,869	\$ -	\$ -
Line 16 - Sections 127-128	\$ 471,186	\$ -	\$ 471,186	\$ 45,217	\$ -	\$ 425,969
Line 16 - Section 129	\$ 473,229	\$ -	\$ 473,229	\$ 347,141	\$ -	\$ 126,088
Road 137 - 51.2	\$ 92,235	\$ -	\$ 92,235	\$ 92,235	\$ -	\$ -
Total Roads	\$ 1,508,519	\$ -	\$ 1,508,519	\$ 956,462	\$ -	\$ 552,057
<u>Bridges & Culverts</u>						
Culvert 61	\$ 57,170	\$ 28,585	\$ 28,585	\$ 28,585	\$ -	\$ -
Culvert 108	\$ 656,401	\$ 328,200	\$ 328,200	\$ 328,200	\$ -	\$ -
Ridley Bridge (BR-22)	\$ 15,881	\$ -	\$ 15,881	\$ 15,881	\$ -	\$ -
Total Bridges & Culverts	\$ 729,452	\$ 356,786	\$ 372,666	\$ 372,666	\$ -	\$ -
<u>Vehicles and Equipment</u>						
4 X 4 Tractor Loader	\$ 124,673	\$ -	\$ 124,673	\$ -	\$ 124,673	\$ -
Grader	\$ 510,000	\$ -	\$ 510,000	\$ -	\$ 510,000	\$ -
Total Equipment	\$ 634,673	\$ -	\$ 634,673	\$ -	\$ 634,673	\$ -
<u>Drainage - Municipal Drains</u>						
Massey Drain	\$ 25,000	\$ -	\$ 25,000	\$ 25,000	\$ -	\$ -
Total Capital	\$ 3,011,399	\$ 356,786	\$ 2,654,614	\$ 1,354,128	\$ 748,429	\$ 552,057



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description

A records management program is an important tool in achieving operational efficiencies and to help mitigate challenges in organizing complex information. The Clerk's Office has completed preliminary review of various components of an updated Records Management system and will continue to review through 2024 with regular reports to council and proposing next steps to implement an updated Records Management Program for the Township of Perth South.

Project Justification

The Clerk's Office is responsible for the management of municipal records to meet the Township's fiscal, legal, historical and operational requirements. These records are valuable corporate assets needed to support effective decision making, meet operational requirements, protect legal, fiscal and other interests of the Township, and to adhere to the requirements of the Municipal Act, 2001 as amended and the Municipal Freedom of Information and Protection of Privacy Act, 1990 as amended.

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	-							
Contracted Services	35,000			\$ 35,000				
Total Expenditures	\$ 35,000	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ -
Funding								
Levy Funding	\$ -			\$ -				
Reserve Funding - Modernization Reserve Fund	35,000			35,000				
Grant Funding	-			-				
Total Funding	\$ 35,000	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description

Perth South is required to purchase a police car for policing services provided by the Stratford Police Service. Police officers use the police car for a variety of purposes including patrolling Perth South, responding to emergencies, and transporting prisoners. Police cars are equipped with various specialized tools and equipment such as radios, computers and lights to help officers carry out their duties effectively. In addition to serving as a mode of transportation, police cars also serve as a visible presence on the streets, which can help deter crime.

Project Justification

A replacement police car is required every 3 years. New police cars are more reliable and less likely to break down, which is crucial for officers who rely on their police cars to respond to emergencies and keep the community safe. In addition, new police cars are often equipped with the newest technologies and safety features. Having new police cars helps to ensure that officers have the tools they need to do their jobs effectively and safely, and can help build trust and confidence in the department within the community.

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -			\$ -				
Materials Purchased	78,756			78,756				
Engineering	-			-				
Contracted Services	-			-				
Total Expenditures	\$ 78,756	\$ -	\$ -	\$ 78,756	\$ -	\$ -	\$ -	\$ -
Funding								
Levy Funding	\$ -			\$ -				
Reserve Funding	78,756			78,756				
Grant Funding	-			-				
Total Funding	\$ 78,756	\$ -	\$ -	\$ 78,756	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name: Line 15 - from Road 122 to Road 130

Department: Public Works - Roads

Project Manager: Ken Bettles

Start Date: May 2025 **Completion Date:** Oct 2025

Budget Version: Council Approved **Year:** 2024



Project Description

Road Sections 121 and 122 were paved in 2004 with 50mm HL-4 of asphalt at a cost of \$399,540. The asphalt was expected to last until 2024. Replacement prior to this date will result in a loss on disposal. In 2007, Bridge Structure 85, located in Road Section 121 was repaired. Based on a 2018 inspection, Road Sections 121 and 122 both had a reduced Street Condition Rating of 7.5 and 6.0 respectively, in comparison to the 2013 rating of 8.5 and 7.0 respectively. These road sections were included in the 2018 Road Management Study as needing work. Road Section 121 was identified as requiring a FiberMat surface treatment and Road Section 122 was identified as requiring the additional of sub drainage over the full length and rural full depth pulverize and pave in 2022. In 2019 preliminary engineering work was completed at a cost of \$6,478.82. In 2022, both road sections were paved at a cost of \$420,938. The proposed project in 2024 will add a second lift of asphalt.

Project Justification

The second lift of asphalt will increase the thickness of the asphalt. This additional lift of asphalt will improve the durability and life span of the road as well as increasing its load carrying capacity.

Project Details

Road Length Section 121: (m/kms)	2073m / 2.073kms
Road Length Section 122: (m/kms)	2070m / 2.07kms
Total Road Length: (m/kms)	4143m / 4.143kms
Boundary Road	No
Traffic Range (VPD)	50-199
Road Maintenance Class	4
Surface type	HCB - 1 lift
Road Surface/Structure Rating	10 / 8
Road Surface/Structure Rating	10 / 8
Drainage Rating	Good / Ditch
Ward	Downie
2024 Age/Useful Life (%)	2 / 10%

	Project Budget							
	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ 300	\$ -		\$ 300				
Materials Purchased	-	-						
Engineering	7,979	6,479		1,500				
Contracted Services	470,069	-		470,069				
Total Expenditures	\$ 478,348	\$ 6,479	\$ -	\$ 471,869	\$ -	\$ -	\$ -	\$ -
Funding								
Levy funding	\$ 478,348	\$ 6,479		\$ 471,869				
Reserve Funding	-	-		-				
Grant Funding	-	-		-				
Total Funding	\$ 478,348	\$ 6,479	\$ -	\$ 471,869	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

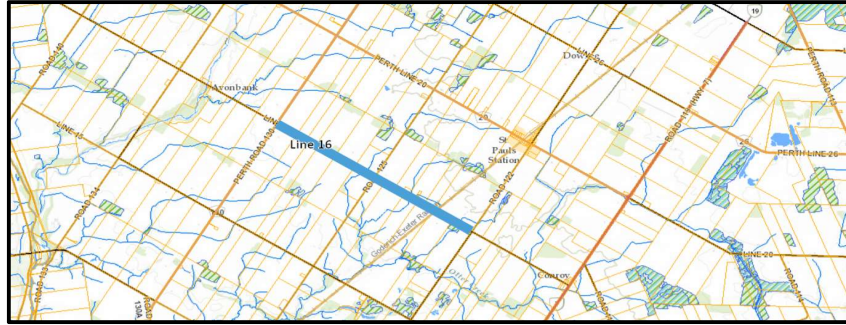
Project Name: Line 16 - from Perth Road 130 to Road 122

Department: Public Works

Project Manager: Ken Bettles

Start Date: May 2025 **Completion Date:** Oct. 2025

Budget Version: Council Approved **Year:** 2024



Project Description

Road Sections 127 and 128 were paved in 1997 with 50mm HL-4 of asphalt at a cost of \$344,860. This asphalt has a useful life of 20 years. In 2004, a single micro surface treatment was added. The 2018 Road Management Study reported that Road Sections 127 and 128 both had a reduced Street Condition Rating of 5 in comparison to the 2013 rating of 6 and 6.5 respectively. These road sections were included in the 2018 Road Management Study as needing added subdrainage, rural full depth pulverization, and paving. This construction occurred beginning in 2018, with the majority being completed in 2019, and the remainder completed in 2020. This construction had a cost of \$984,468. The proposed project in 2024 will add a second lift of asphalt.

Project Justification

The second lift of asphalt will increase the thickness of the asphalt. This additional lift of asphalt will improve the durability and life span of the road as well as increasing its load carrying capacity.

Project Details

Road Length Section 127: (m/kms)	2064m / 2.064kms
Road Length Section 128: (m/kms)	2073m / 2.073kms
Total Road Length: (m/kms)	4137m / 4.137kms
Boundary Road	No
Traffic Range (VPD) Section 127 & 128	200-499
Road Maintenance Class	4
Surface type	HCB - 1 lift
Road Surface/Structure Rating (S. 127)	10 / 10
Road Surface/Structure Rating (S. 128)	10 / 10
Drainage Rating Section 127 & 128	Good / Ditch
Ward	Downie
2024 Age/Useful Life (%)	5 / 25%

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$	186		\$	186			
Materials Purchased		-						
Engineering		1,000		1,000				
Contracted Services		470,000		470,000				
Total Expenditures	\$	471,186	\$ -	\$ -	\$ 471,186	\$ -	\$ -	\$ -
Funding								
Levy Funding	\$	45,217		\$	45,217			
Reserve Funding		-		-				
Grant Funding - OCIF		425,969		425,969				
Total Funding	\$	471,186	\$ -	\$ -	\$ 471,186	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

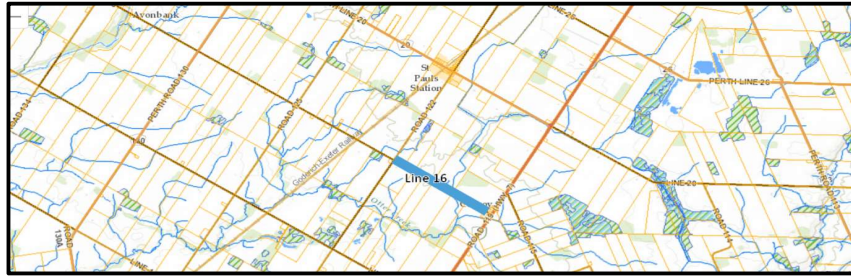
Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description
This road was last paved in 2008 with 50mm HL-4 of asphalt at a cost of \$197,862. This asphalt had a useful life of 20 years which was expected to last until the end of 2028. As a result, a loss on the disposal will be incurred in 2023. The 2018 Road Management Study reported that Road Section 129 had a reduced Street Condition Rating of 8 in comparison to the 2013 rating of 9. This road section was not included in the 2018 Road Management Study as needing construction.
Project Justification
Section 129: Overlaid in 2008. Rolls a bit. Transverse cracking and some centering cracking.

Project Details	
Road Length Section 129: (m/kms)	2062m / 2.062kms
Boundary Road	No
Traffic Range (VPD) Section 129	500-999
Road Maintenance Class	4
Surface type	HCB - 2 lifts
Road Surface/Structure Rating	6 / 7
Drainage Rating Section 129	Good / Ditch
Ward	Downie
2024 Age/Useful Life (%)	16 / 80%

	Project Budget							
	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ 500			\$ 500				
Materials Purchased	-							
Engineering	1,500			1,500				
Contracted Services	471,229			471,229				
Total Expenditures	\$ 473,229	\$ -	\$ -	\$ 473,229	\$ -	\$ -	\$ -	\$ -
Funding								
Levy Funding	\$ 347,141			\$ 347,141				
Reserve Funding	-			-				
Grant Funding - Canada Community-Building Fund	126,088			126,088				
Total Funding	\$ 473,229	\$ -	\$ -	\$ 473,229	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Justification and Description

A half km section of the gravel road was paved from the golf course entrance way to Line 10. The paved section of the road is cracked to alligatored and is need of replacement.

Project Details

Road Section:	51.2
Road Length: (m/kms)	565 m / 0.565kms
Boundary Road	No
Traffic Range (VPD)	50-199
Road Maintenance Class	4
Surface type	HCB - 1 lift
Road Surface Rating	5
Road Structure Rating	7
Drainage Rating	Fair / Ditch
Inspection Date	April 17, 2023
Ward	Blanshard
2024 Age/Useful Life (%)	UNKNOWN

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	-							
Contracted Services	92,235			92,235				
Total Expenditures	\$ 92,235	\$ -	\$ -	\$ 92,235	\$ -	\$ -	\$ -	\$ -
Funding								
Levy Funding	\$ 92,235			\$ 92,235				
Reserve Funding	-			-				
Grant Funding	-			-				
Total Funding	\$ 92,235	\$ -	\$ -	\$ 92,235	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description
Culvert 61 is located on Road 140 between Perth Line 20 and Line 15. It is a boundary culvert with West Perth. Articulated frame concrete culvert in fair condition. Struts installed in 2006. Patch repair of base north of abutment is recommended. Culvert replacement is anticipated in the 6 to 10 year time frame at a cost of \$580,000 (\$2023)
Project Justification
This repair is expected to extend replacement past 10 year plan.

Project Details	
Span Length(s) Section 61	3.05 m
Current Replacement Value	\$359,550
Boundary Structure	Yes
Structure Group	Culverts
Structure Type	Rectangle Culvert
Surface Type	Gravel
Bridge Condition Index	39
Ward/Geographic Twp	Downie
Year of Construction	UNKNOWN

	Project Budget							
	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ 500			500				
Materials Purchased	-							
Engineering	5,500			5500				
Contracted Services	51,170			51,170				
Total Expenditures	\$ 57,170	\$ -	\$ -	\$ 57,170	\$ -	\$ -	\$ -	\$ -
Funding								
Recovery - Boundary Municipality	\$ 28,585			\$ 28,585				
Levy funding	28,585			28,585				
Reserve Funding	-			\$ -				
Grant Funding	-			0				
Total Funding	\$ 57,170	\$ -	\$ -	\$ 57,170	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name: Bridge 108 - Perth-Oxford Road - 0.9 km East of Perth Road 113/47th line

Department: Public Works - Bridges and Culverts

Project Manager: Ken Bettles

Start Date: 1-Apr-25 **Completion Date:** 1-Nov-25

Budget Version: Council Approved **Year:** 2024



Project Description

Culvert 108 is located on the Perth Oxford Boundary Road between Perth Road 113 and Road 112. The culvert is jointly owned with the Township of Zorra. It is a steel culvert installed in 1980 at a cost of \$35,539. It was anticipated to last for 50 years, until 2030. Replacement prior to this date will result in a loss on disposal. The Bridge Condition Index (BCI) was 36 in 2019. In 2021, the Bridge Inspection Report identified work on this culvert as a priority. At that time, culvert replacement was recommended.

Project Justification

Section 108 Bridge Condition Summary: Replacement recommended.

Project Details

Span Length(s) Section 108	2.1m
Boundary Road	Yes
Structure Group	Culverts
Structure Type	CSP Round Culvert
Surface Type	Gravel
Bridge Condition Index	36
Ward/Geographic Twp	Downie
Year of Construction	UNKNOWN

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ 500			\$ 500				
Materials Purchased	-							
Engineering	6,500			6,500				
Contracted Services	649,401			649,401				
Total Expenditures	\$ 656,401	\$ -	\$ -	\$ 656,401	\$ -	\$ -	\$ -	\$ -
Funding								
Recovery from Township of Zorra	\$ 328,200			\$ 328,200				
Levy Funding	328,200			328,200				
Reserve Funding	-			-				
Grant Funding	-			-				
Total Funding	\$ 656,401	\$ -	\$ -	\$ 656,401	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description
Deck top patch repairs to the deck and sidewalk/curbs are required.
Project Justification
The bridge is in good condition and minor repairs are recommended.

Project Details	
Span Length	23.75 m
Current Replacement Value	\$2,118,500
Boundary Structure	No
Structure Group	Bridge
Structure Type	I-beam or Girder
Surface Type	Concrete
Bridge Condition Index	80
Ward/Geographic Twp	Blanshard
Year of Construction	1979

	Project Budget							
	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	2,500			2,500				
Contracted Services	13,381			13,381				
Total Expenditures	\$ 15,881	\$ -	\$ -	\$ 15,881	\$ -	\$ -	\$ -	\$ -
Funding								
Levy funding	\$ 15,881			\$ 15,881				
Reserve Funding	-			-				
Grant Funding	-			-				
Total Funding	\$ 15,881	\$ -	\$ -	\$ 15,881	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



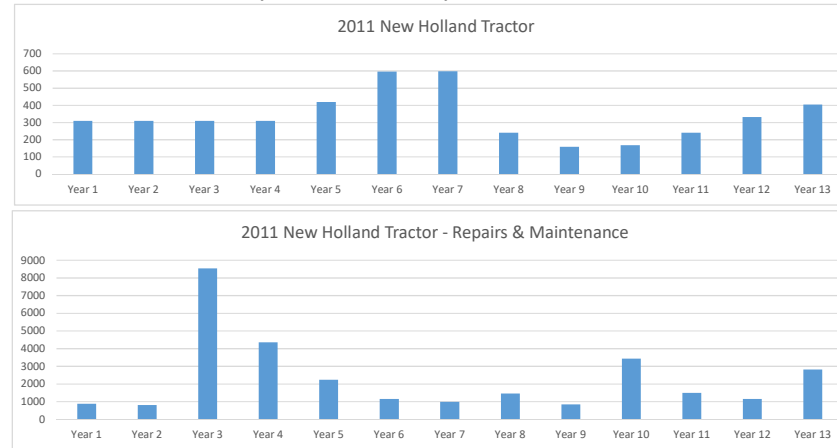
Project Description

Replacement of New Holland U80B Loader tractor #28. Tractor is used for roadside grass cutting in summer, snow removal in winter, and general loader uses. As of November 2023, the tractor has a total of 4,394 hours, which represents average annual operations of 338 and an average utilization rate of 17%. Repairs and maintenance costs total \$30,164, which represents an annual cost of \$2,320.

The old equipment will be sold at auction and the proceeds will be placed in the Equipment Reserve to fund future equipment purchases.

Project Justification

Tractor has a useful life of 15 years and will be 14 years old in 2025.



Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -			\$ -				
Materials Purchased	124,673			124,673				
Engineering	-							
Contracted Services	-							
Total Expenditures	\$ 124,673	\$ -	\$ -	\$ 124,673	\$ -	\$ -	\$ -	\$ -
Funding								
Levy Funding	\$ -			\$ -				
Reserve Funding	124,673			124,673				
Grant Funding	-							
Total Funding	\$ 124,673	\$ -	\$ -	\$ 124,673	\$ -	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

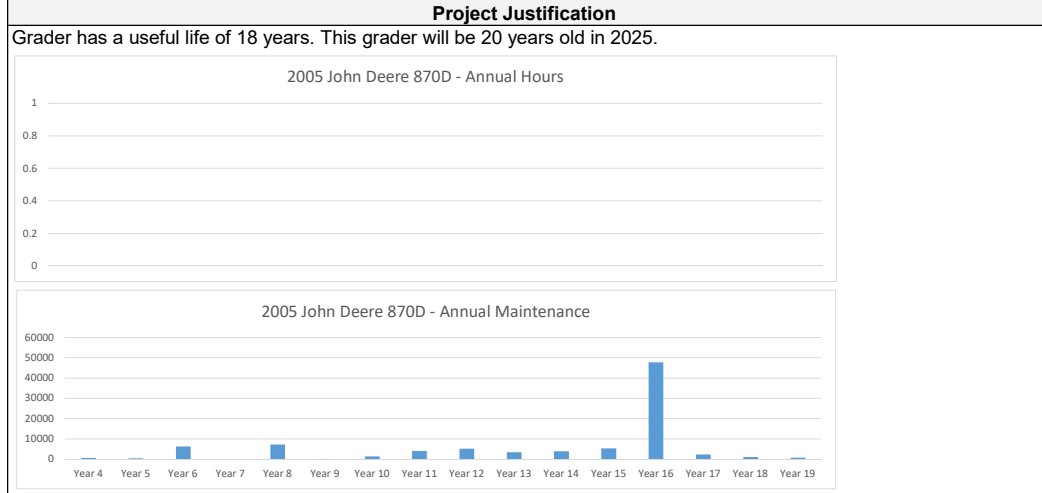
Budget Version: **Year:**



Project Description

Replacement of John Deere 870D road grader. Grader is used for loose top road maintenance and winter control. Replacement of grader only - no plow or wing attachments. This grader has a total of 6939 hours, which represents average annual hours of 365 hours and a utilization rate of 18%. The total repairs and maintenance cost is \$90,003, which represents an annual repair and maintenance cost of \$5,625.

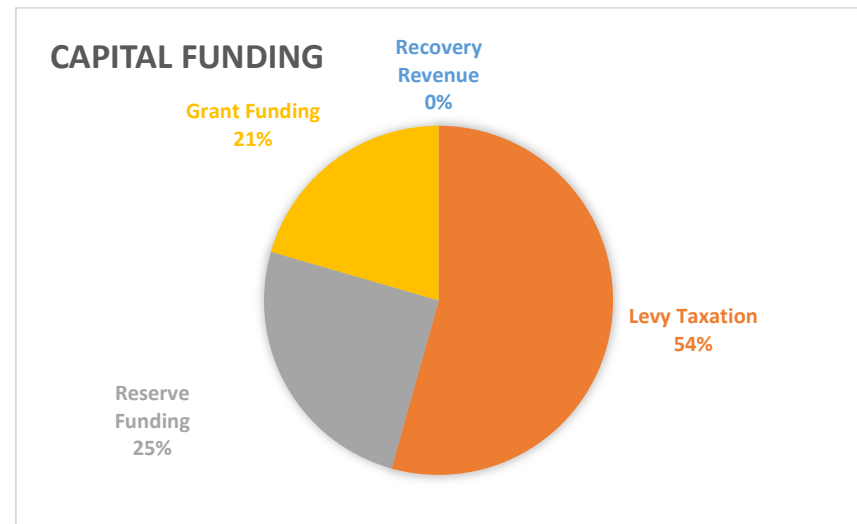
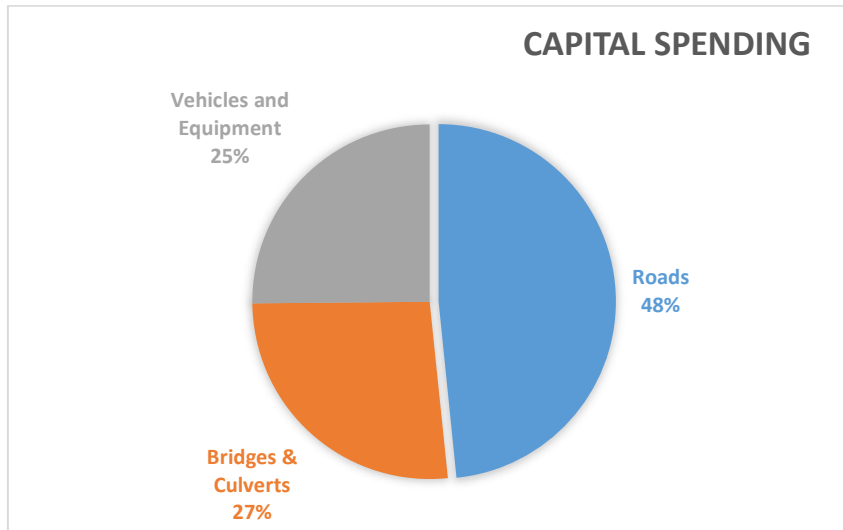
The old equipment will be sold at auction and the proceeds will be placed in the Equipment Reserve to fund future equipment purchases.



Project Budget		Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures									
Advertising		\$ -			\$ -				
Materials Purchased		510,000			510,000				
Engineering		-			-				
Contracted Services		-			-				
Total Expenditures		\$ 510,000	\$ -	\$ -	\$ 510,000	\$ -	\$ -	\$ -	\$ -
Funding									
Levy Funding		-			-				
Reserve Funding		510,000			510,000				
Grant Funding		-			-				
Total Funding		\$ 510,000	\$ -	\$ -	\$ 510,000	\$ -	\$ -	\$ -	\$ -

Township of Perth South 2026 - Summary Capital Projects

Project Name	Capital Cost	Recovery Revenue	Net Cost	Levy Taxation	Reserve Funding	Grant Funding
Transportation						
Roads	\$ 1,301,657	\$ -	\$ 1,301,657	\$ 1,175,569	\$ -	\$ 126,088
Bridges & Culverts	\$ 712,724	\$ -	\$ 712,724	\$ 286,755	\$ -	\$ 425,969
Vehicles and Equipment	\$ 676,260	\$ -	\$ 676,260	\$ -	\$ 676,260	\$ -
Total Capital	2,690,641	-	2,690,641	1,462,324	676,260	552,057



**Township of Perth South
2026 - Detailed Summary of Capital Projects**

Project Name	Total Cost	Recovery Revenue	Net Cost	Levy Taxation	Reserve Transfers	Grant Funding
Transportation						
<u>Roads</u>						
Line 9	\$ 155,689	\$ -	\$ 155,689	\$ 155,689	\$ -	\$ -
Line 15	\$ 240,828	\$ -	\$ 240,828	\$ 240,828	\$ -	\$ -
Road 115	\$ 663,384	\$ -	\$ 663,384	\$ 663,384	\$ -	\$ -
Road 122	\$ 241,757	\$ -	\$ 241,757	\$ 115,669	\$ -	\$ 126,088
Total Roads	\$ 1,301,657	\$ -	\$ 1,301,657	\$ 1,175,569	\$ -	\$ 126,088
<u>Bridges & Culverts</u>						
Bridge 21	\$ 677,088	\$ -	\$ 677,088	\$ 251,119	\$ -	\$ 425,969
Bridge 39	\$ 17,278	\$ -	\$ 17,278	\$ 17,278	\$ -	\$ -
Bridge 67	\$ 18,358	\$ -	\$ 18,358	\$ 18,358	\$ -	\$ -
Total Bridges & Culverts	\$ 712,724	\$ -	\$ 712,724	\$ 286,755	\$ -	\$ 425,969
<u>Vehicles and Equipment</u>						
Grader	\$ 676,260	\$ -	\$ 676,260	\$ -	\$ 676,260	\$ -
Total Equipment	\$ 676,260	\$ -	\$ 676,260	\$ -	\$ 676,260	\$ -
Total Capital	\$ 2,690,641	\$ -	\$ 2,690,641	\$ 1,462,324	\$ 676,260	\$ 552,057



TOWNSHIP OF PERTH SOUTH

Capital Budget

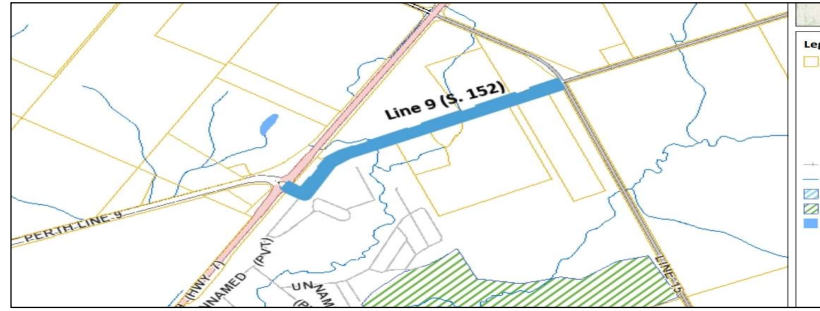
Project Name: Line 9 - Line 15 to Road 119 (Hwy 7)

Department: Public Works - Roads

Project Manager: Ken Bettles, Director of Public Works

Start Date: May 2026 **Completion Date:** Oct 2026

Budget Version: Council Approved **Year:** 2024



Project Description

Asphalt padding and overlay.

Project Details

Road Length: (m/kms)	935 m / 0.9 kms
Boundary Road	No
Traffic Range (VPD)	50-199
Road Maintenance Class	4
Surface type	HCB - 1 lift
Road Surface Rating	5
Road Structure Rating	9
Drainage Rating	Good / Ditch
Inspection Date	April 17, 2023
Ward	Downie
2024 Age/Useful Life (%)	17 / 85%

	Project Budget							
	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ 500				\$ 500			
Materials Purchased	-							
Engineering	1,500				1,500			
Contracted Services	153,689				153,689			
Total Expenditures	\$ 155,689	\$ -	\$ -	\$ -	\$ 155,689	\$ -	\$ -	\$ -
Funding								
Levy Funding	\$ 155,689				\$ 155,689			
Reserve Funding	-				-			
Grant Funding	-				-			
Total Funding	\$ 155,689	\$ -	\$ -	\$ -	\$ 155,689	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:	Line 15 between Road 119 (Hwy 7) and Road 122		
Department:	Public Works - Roads		
Project Manager:	Ken Bettles		
Start Date:	May 2026	Completion Date:	Oct 2026
Budget Version:	Council Approved	Year:	2024



Project Description

Road Section 120 was paved in 1996 with 50mm HL-4 of asphalt at a cost of \$199,770. Based on a 2018 inspection, this section had a reduced Street Condition Rating of 6.0 in comparison to the 2013 rating of 7.0. This road section was included in the 2018 Road Management Study as needing sub drainage added over the full length and rural full depth pulverize and pave. This work was completed in 2021 at a cost of \$200,932.66. The project proposed for 2026 will add a second lift of asphalt to the roadway.

Project Justification

The second lift of asphalt will increase the thickness of the asphalt. This additional lift of asphalt will improve the durability and life span of the road as well as increasing its load carrying capacity.

Project Details

Road section :	120
Total Road Length: (m/kms)	2073m / 2.073kms
Boundary Road	No
Traffic Range (VPD)	50-199
Road Maintenance Class	4
Surface type	HCB - 1 lift
Road Surface Rating	10
Road Structure Rating	10
Drainage Rating	Poor / Ditch
Ward	Downie
2024 Age/Useful Life (%)	3/20 (15%)

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ 500				\$ 500			
Materials Purchased	-							
Engineering	1,500				1,500			
Contracted Services	238,828				238,828			
Total Expenditures	\$ 240,828	\$ -	\$ -	\$ -	\$ 240,828	\$ -	\$ -	\$ -
Funding								
Levy funding	\$ 240,828				\$ 240,828			
Reserve Funding	-				-			
Grant Funding	-				-			
Total Funding	\$ 240,828	\$ -	\$ -	\$ -	\$ 240,828	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:	Road 115 - from Road 119 (Highway 7) to Perth-Oxford Boundary		
Department:	Public Works - Roads		
Project Manager:	Ken Bettles		
Start Date:	May 2026	Completion Date:	Oct 2026
Budget Version:	Council Approved	Year:	2024



Project Description

Road section 159 and 160 were paved in 2001 with 50mm HL-4 of asphalt at a cost of \$355,740. In 2016, a road culvert in Road Section 159 was replaced at a cost of \$53,590.48. In 2020, the existing asphalt was overlaid with FiberMat at a cost of \$122,358. Based on a 2018 inspection, Road Section 159 has maintained a Street Condition Rating of 6.5 in comparison to the 2013 rating, and Road Section 160 has a reduced Street Condition Index of 6.5 in comparison to the 2013 rating of 6.5. These road sections were included in the 2018 Road Management Study as needing a FiberMat application in 2023. The work currently being proposed includes asphalt padding and overlay.

Project Justification

Section 159: Road badly alligatored with some surface raveling and minor wheel rutting. Asphalt very thin probably 2 lifts of 25 mm. Concrete Culvert at Hwy #7 ends repaired in 2016.

Section 160: Extensive alligatoring with minor wheel rutting. Asphalt appears thin, and was probably 25 mm lifts.

Project Details

Road Length Section 159: (m/kms)	1922m / 1.922kms
Road Length Section 160: (m/kms)	2062m / 2.062kms
Total Road Length: (m/kms)	3984m / 3.984kms
Boundary Road	No
Traffic Range (VPD)	200-499
Road Maintenance Class	4
Surface type	HCB - 1 lift
Road Surface/Structure Rating - S. 159	6 / 7
Road Surface/Structure Rating - S. 160	6 / 7
Drainage Rating	Good / Ditch
Ward	Downie
2024 Age/Useful Life (%) Road Surface	23/20 (115%)
2024 Age/Useful Life (%) Road Culvert	8/30 (27%)
2024 Age/Useful Life (%) FiberMat	4/20 (20%)

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ 500				500			
Materials Purchased	-							
Engineering	1,500				1,500			
Contracted Services	661,384				661,384			
Total Expenditures	\$ 663,384	\$ -	\$ -	\$ -	\$ 663,384	\$ -	\$ -	\$ -
Funding								
Levy Funding	\$ 663,384				663,384			
Reserve Funding	-				-			
Grant Funding - OCIF	-				-			
Total Funding	\$ 663,384	\$ -	\$ -	\$ -	\$ 663,384	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description

Road Section 116 was paved in 2005 with 50mm HL-4 of asphalt at a cost of \$204,180. Based on a 2018 inspection, this section had a reduced Street Condition Rating of 6.5 in comparison to the 2013 rating of 7.0. This road section was included in the 2018 Road Management Study as needing sub drainage added over the full length and rural full depth pulverize and pave. This work was completed in 2021 at a cost of \$197,101. Because the road was replaced before the end of its useful life, a loss on disposal was incurred. The project proposed for 2026 will add a second lift of asphalt to the roadway.

Project Justification

The second lift of asphalt will increase the thickness of the asphalt. This additional lift of asphalt will improve the durability and life span of the road as well as increasing its load carrying capacity.

Project Details

Road Length Section 116: (m/kms)	2081m / 2.081kms
Total Road Length: (m/kms)	2081m / 2.081kms
Boundary Road	No
Traffic Range (VPD)	200-499
Road Maintenance Class	4
Surface type	HCB - 1 lift
Road Condition Rating * Section 116	6.5
Drainage Rating	Poor / Ditch
Ward	Downie
2024 Age/Useful Life (%)	3/20 (15%)

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ 500				\$ 500			
Materials Purchased	-							
Engineering	1,500				1,500			
Contracted Services	239,757				239,757			
Total Expenditures	\$ 241,757	\$ -	\$ -	\$ -	\$ 241,757	\$ -	\$ -	\$ -
Funding								
Levy funding	\$ 115,669				\$ 115,669			
Reserve Funding	-							
Grant Funding - Canada Community Building Fund	126,088				126,088			
Total Funding	\$ 241,757	\$ -	\$ -	\$ -	\$ 241,757	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

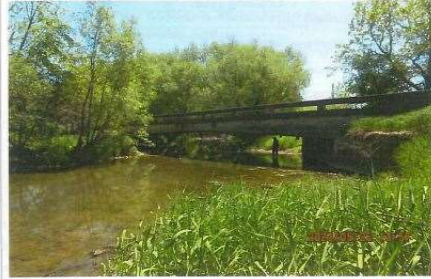
Project Name: Bridge 21 - Line 4 between Perth Road 151 and Road 161

Department: Public Works - Bridges & Culverts

Project Manager: Ken Bettles

Start Date: Apr 2026 **Completion Date:** Nov 2026

Budget Version: Council Approved **Year:** 2024



Project Description

Bridge 21 is located on Line 4 between Road 161 and Perth Road 151. Its structure type is a rigid frame with vertical legs and was built in 1955 at a cost of \$56,489. In 1994, the deck was overlaid and barriers were patch repaired at a cost of \$19,152. In 2011, the bridge was waterproofed and paved as part of the Line 4 paving project. The Bridge Condition Index (BCI) was 51 in 2019. In 2021 the Bridge Inspection Report identified work on this culvert as a priority in the 6 to 10-year time frame. The work required includes a new curb, parapet walls, patch repair deck, and waterproofing and paving.

Project Justification

Section 21 Bridge Condition Summary: Cracking staining and delamination at top of both walls.

Project Details

Span Length(s) Section 102	22.6
Boundary Road	No
Structure Group	Frame
Structure Type	Rigid Frame, Vertical Legs
Surface Type	Asphalt
Bridge Condition Index	65
Ward/Geographic Twp	Blanshard
2023 Bridge Foundation Age/Useful Life	68/80 (85%)
2023 Bridge Superstructure Age/Useful Life	68/40 (170%)
2023 Bridge Deck Age/Useful Life	68/40 (170%)
2023 Bridge Deck Betterment Age/Useful Life	29/30 (97%)

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ 500				\$ 500			
Materials Purchased	-							
Engineering	40,000				40,000			
Contracted Services	636,588				636,588			
Total Expenditures	\$ 677,088	\$ -	\$ -	\$ -	\$ 677,088	\$ -	\$ -	\$ -
Funding								
Levy funding	\$ 251,119				\$ 251,119			
Reserve Funding	-				-			
Grant Funding - Ontario Community Infrastructure Fund (OCIF)	425,969				425,969			
Total Funding	\$ 677,088	\$ -	\$ -	\$ -	\$ 677,088	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description
Review load limit posting and repair railings.
Project Justification

Project Details	
Span Length	18.6 m
Current Replacement Value	\$2,337,000
Boundary Structure	No
Structure Group	Truss
Structure Type	Half-Through Truss
Surface Type	Concrete
Bridge Condition Index	48
Ward/Geographic Twp	Downie
Year of Construction	UNKNOWN

	Project Budget							
	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	10,000				10,000			
Contracted Services	7,278				7,278			
Total Expenditures	\$ 17,278	\$ -	\$ -	\$ -	\$ 17,278	\$ -	\$ -	\$ -
Funding								
Levy funding	\$ 17,278				\$ 17,278			
Reserve Funding	-				-			
Grant Funding	-				-			
Total Funding	\$ 17,278	\$ -	\$ -	\$ -	\$ 17,278	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

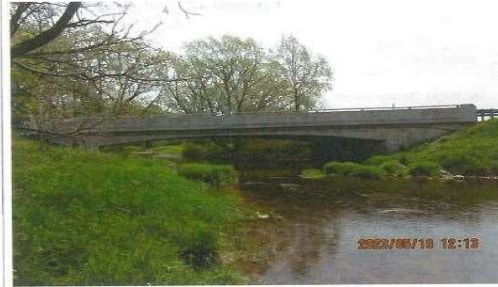
Project Name: Bridge 67 - Road 134, at intersection with Line 32

Department: Public Works

Project Manager: Ken Bettles

Start Date: Jan 2026 **Completion Date:** Dec 2026

Budget Version: Council Approved **Year:** 2024



Project Description
Repair guide rail and erosion protection. Repair handrail.
Project Justification

Project Details	
Span Length	19.75 m
Current Replacement Value	\$2,339,375
Boundary Structure	No
Structure Group	Frame
Structure Type	Rigid frame, vertical legs
Surface Type	Asphalt
Bridge Condition Index	66
Ward/Geographic Twp	Downie
Year of Construction	UNKNOWN

	Project Budget							
	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	4,000				4,000			
Contracted Services	14,358				14,358			
Total Expenditures	\$ 18,358	\$ -	\$ -	\$ -	\$ 18,358	\$ -	\$ -	\$ -
Funding								
Levy funding	\$ 18,358				\$ 18,358			
Reserve Funding	-				-			
Grant Funding	-				-			
Total Funding	\$ 18,358	\$ -	\$ -	\$ -	\$ 18,358	\$ -	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



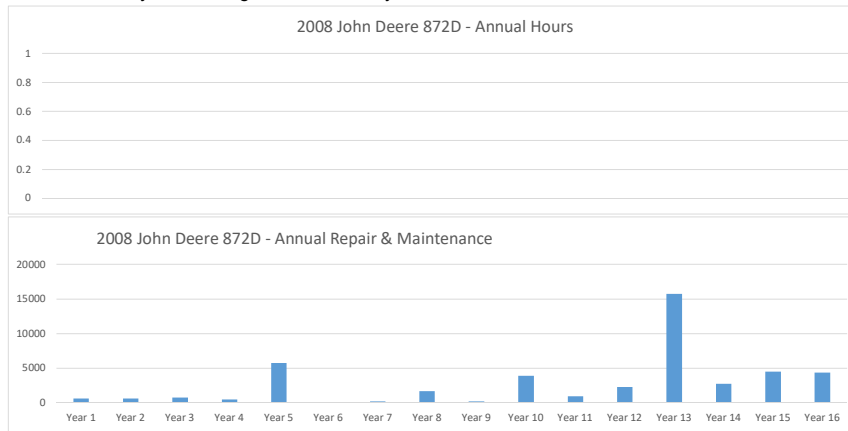
Project Description

Replacement of 2008 John Deere 872D road grader - #3. Grader is used for loose top road maintenance and winter control. The total hours on this grader are 10,234, which represents average annual hours of 640 and a utilization rate of 32%. Repairs and maintenance total 43,806, which represents an annual cost of \$2,738.

The old equipment will be sold at auction and the proceeds will be placed in the Equipment Reserve to fund future equipment purchases.

Project Justification

Grader has a useful life of 18 years. This grader will be 18 years old in 2026.

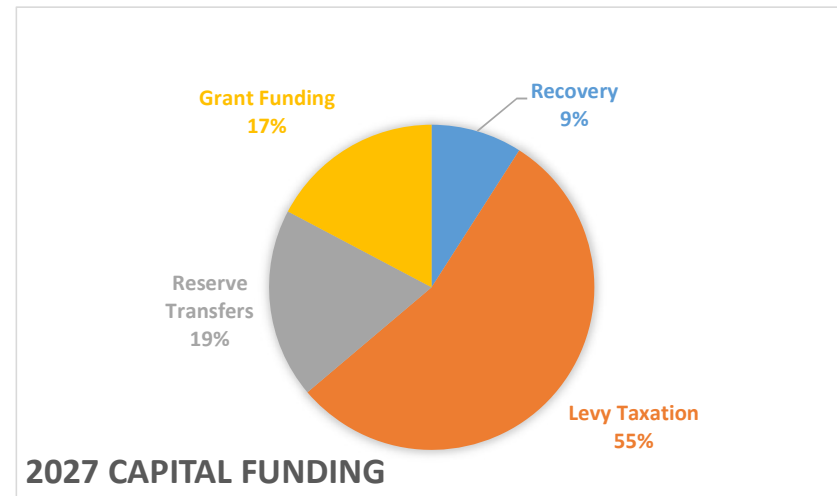
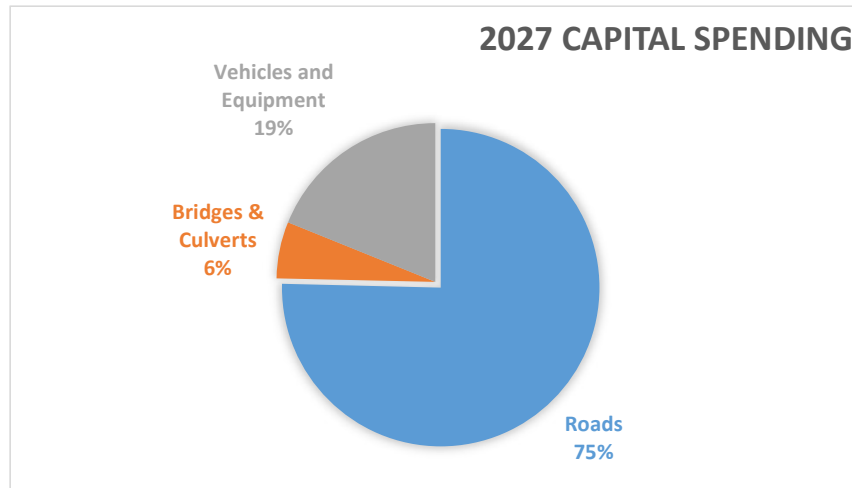


Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	676,260				676,260			
Engineering	-							
Contracted Services	-							
Total Expenditures	\$ 676,260	\$ -	\$ -	\$ -	\$ 676,260	\$ -	\$ -	\$ -
Funding								
Levy Funding	\$ -				\$ -			
Reserve Funding	676,260				676,260			
Grant Funding	-							
Total Funding	\$ 676,260	\$ -	\$ -	\$ -	\$ 676,260	\$ -	\$ -	\$ -

Township of Perth South 2027 - Summary Capital Projects

Project Name	Capital Cost	Revenue Recovery	Net Cost	Levy Taxation	Reserve Transfers	Grant Funding
Transportation						
Roads	\$ 2,407,328	\$ 289,455	\$ 2,117,872	\$ 1,565,815	\$ -	\$ 552,057
Bridges & Culverts	\$ 183,948	\$ -	\$ 183,948	\$ 183,948	\$ -	\$ -
Vehicles and Equipment	\$ 603,089	\$ -	\$ 603,089	\$ -	\$ 603,089	\$ -
Total Capital	3,194,364	289,455	2,904,909	1,749,763	603,089	552,057



**Township of Perth South
2027 - Detailed Summary of Capital Projects**

Project Name	Total Cost	Recovery Revenue	Net Cost	Levy Taxation	Reserve Transfers	Grant Funding
Transportation						
<u>Roads</u>						
Bannerd Road - Section 110	\$ 48,744	\$ -	\$ 48,744	\$ 48,744	\$ -	\$ -
Line 7 - Section 172	\$ 146,368	\$ 73,184	\$ 73,184	\$ 73,184	\$ -	\$ -
Line 12 - Section 4.2	\$ 31,836	\$ 15,918	\$ 15,918	\$ 15,918	\$ -	\$ -
Line 29 - Sections 137-138	\$ 1,533,264	\$ -	\$ 1,533,264	\$ 1,107,295	\$ -	\$ 425,969
Line 29 - Section 139	\$ 156,585	\$ -	\$ 156,585	\$ 30,497	\$ -	\$ 126,088
Line 29 (Gibb Road) - Section 169	\$ 244,745	\$ 122,372	\$ 122,372	\$ 122,372	\$ -	\$ -
Line 32 - Section 140	\$ 156,961	\$ 77,981	\$ 78,981	\$ 78,981	\$ -	\$ -
Road 125 - Section 105	\$ 70,915	\$ -	\$ 70,915	\$ 70,915	\$ -	\$ -
Road 125 - Section 106.2	\$ 17,908	\$ -	\$ 17,908	\$ 17,908	\$ -	\$ -
Total Roads	\$ 2,407,328	\$ 289,455	\$ 2,117,872	\$ 1,565,815	\$ -	\$ 552,057
<u>Bridges & Culverts</u>						
Culvert 130	\$ 183,948	\$ -	\$ 183,948	\$ 183,948	\$ -	\$ -
Total Bridges & Culverts	\$ 183,948	\$ -	\$ 183,948	\$ 183,948	\$ -	\$ -
<u>Vehicles and Equipment</u>						
1-Ton Truck	\$ 113,421	\$ -	\$ 113,421	\$ -	\$ 113,421	\$ -
1/2 Ton Pick Up	\$ 65,185	\$ -	\$ 65,185	\$ -	\$ 65,185	\$ -
Tandem Truck	\$ 424,483	\$ -	\$ 424,483	\$ -	\$ 424,483	\$ -
Total Equipment	\$ 603,089	\$ -	\$ 603,089	\$ -	\$ 603,089	\$ -
Total Capital	\$ 3,194,364	\$ 289,455	\$ 2,904,909	\$ 1,749,763	\$ 603,089	\$ 552,057



TOWNSHIP OF PERTH SOUTH

Capital Budget

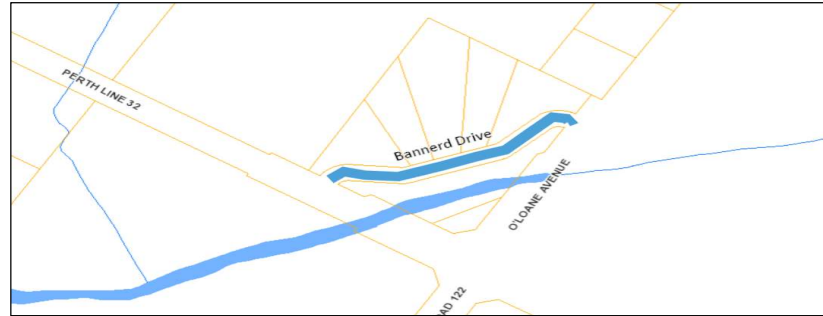
Project Name:

Department:

Project Manager:

Start Date: Completion Date:

Budget Version: Year:



Project Description

Project Details	
Road Section	110
Road Length: (m/kms)	287 m / 0.287 kms
Boundary Road	No
Traffic Range (VPD)	0-49
Road Maintenance Class	6
Surface type	HCB - 2 lifts
Road Surface Rating	5
Road Structure Rating	7.5
Drainage Rating	Good / Ditch
Inspection Date	April 17, 2023
Ward	Downie
2024 Age/Useful Life (%)	29 / 145%

Project Budget								
	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	-							
Contracted Services	48,744					48,744		
Total Expenditures	\$ 48,744	\$ -	\$ -	\$ -	\$ -	\$ 48,744	\$ -	\$ -
Funding								
Levy Funding	\$ 48,744					\$ 48,744		
Reserve Funding	-					-		
Grant Funding	-					-		
Total Funding	\$ 48,744	\$ -	\$ -	\$ -	\$ -	\$ 48,744	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description

Project Details	
Road Section	172
Road Length: (m/kms)	613 m / 0.613 kms
Boundary Road	Yes
Traffic Range (VPD)	50-199
Road Maintenance Class	4
Surface type	LCB - 2 Lifts
Road Surface Rating	5
Road Structure Rating	6
Drainage Rating	Fair / None
Inspection Date	April 17, 2023
Ward	Blanshard
2024 Age/Useful Life (%)	UNKNOWN

	Project Budget							
	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	10,000					10,000		
Contracted Services	136,368					136,368		
Total Expenditures	\$ 146,368	\$ -	\$ -	\$ -	\$ -	\$ 146,368	\$ -	\$ -
Funding								
Boundary Road Recovery	\$ 73,184					\$ 73,184		
Levy Funding	73,184					73,184		
Reserve Funding	-					-		
Grant Funding	-					-		
Total Funding	\$ 146,368	\$ -	\$ -	\$ -	\$ -	\$ 146,368	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

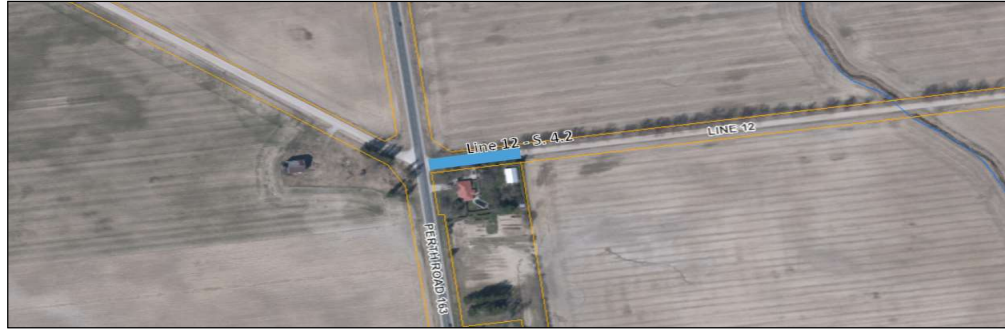
Project Name: Line 12 - Perth Road 163 to 100 m east of Perth Road 163

Department: Public Works - Roads

Project Manager: Ken Bettles, Director of Public Works

Start Date: May 2027 **Completion Date:** Oct 2027

Budget Version: Council Approved **Year:** 2024



Project Description
Boundary road with Municipality of West Perth.

Project Details

Road Section	4.2
Road Length: (m/kms)	100 m / 0.100 kms
Boundary Road	Yes
Traffic Range (VPD)	0-49
Road Maintenance Class	6
Surface type	HCB - 1 lift
Road Surface Rating	5
Road Structure Rating	7
Drainage Rating	Good / Ditch
Inspection Date	April 17, 2023
Ward	Downie
2024 Age/Useful Life (%)	

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	-							
Contracted Services	31,836					31,836		
Total Expenditures	\$ 31,836	\$ -	\$ -	\$ -	\$ -	\$ 31,836	\$ -	\$ -
Funding								
Boundary Road Recovery	\$ 15,918					\$ 15,918		
Levy Funding	15,918					15,918		
Reserve Funding	-					-		
Grant Funding								
Total Funding	\$ 31,836	\$ -	\$ -	\$ -	\$ -	\$ 31,836	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

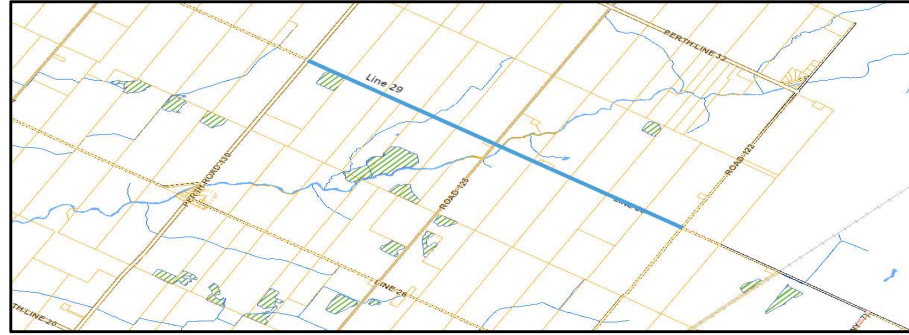
Project Name: Line 29 - between Road Perth 130 to Road 122

Department: Public Works - Roads

Project Manager: Ken Bettles

Start Date: May 2027 **Completion Date:** Oct 2027

Budget Version: Council Approved **Year:** 2024



Project Description

Road section 137 and 138 were paved in 2007 with 50mm HL-4 of asphalt at a cost of \$428,660. Based on a 2018 inspection, Road Sections 137 and 138 both had a reduced Street Condition Rating of 8.0 and 9.0 respectively, in comparison to the 2013 rating of 9.0 and 10.0 respectively. These road sections were not included in the 2018 Road Management Study work. The work currently being proposed includes pulverize existing asphalt, drainage improvements, and new base asphalt.

Project Justification

Section 137: Overlaid in 2007. Some reflective cracking along centreline. Has had some crack sealing. Centreline longitudinal cracking and transverse cracking are present.

Section 138: Overlaid in 2007. Has had some crack sealing. Could do more. Minor longitudinal and transverse cracking.

The asset will be 19 years old and 95% of its useful life at the time of replacement in 2026.

Project Details

Road Length Section 137: (m/kms)	2051m / 2.051kms
Road Length Section 138: (m/kms)	2042m / 2.042kms
Total Road Length: (m/kms)	4093m / 4.093kms
Boundary Road	No
Traffic Range (VPD)	200-499
Road Maintenance Class	4
Surface type	HCB - 2 lifts
Road Condition Rating Section 137	8
Road Condition Rating Section 138	9
Drainage Rating	Fair / Ditch
Ward	Downie
2024 Age/Useful Life (%)	16/20 (85%)

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	10,000					10,000		
Contracted Services	1,523,264					1,523,264		
Total Expenditures	\$ 1,533,264	\$ -	\$ -	\$ -	\$ -	\$ 1,533,264	\$ -	\$ -
Funding								
Levy funding	\$ 1,107,295					\$ 1,107,295		
Reserve Funding	-					-		
Grant Funding - OCIF	425,969					425,969		
Total Funding	\$ 1,533,264	\$ -	\$ -	\$ -	\$ -	\$ 1,533,264	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description

Cold in place recycle and asphalt overlay.

Project Details

Road Section	139
Road Length: (m/kms)	418 m / 0.418 kms
Boundary Road	No
Traffic Range (VPD)	1000-1999
Road Maintenance Class	4
Surface type	HCB - 2 lifts
Road Surface Rating	5
Road Structure Rating	8.5
Drainage Rating	Good / Ditch
Inspection Date	April 17, 2023
Ward	Downie
2024 Age/Useful Life (%)	16 / 80%

		Project Budget							
		Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures									
Advertising	\$	-							
Materials Purchased		-							
Engineering		1,000					1,000		
Contracted Services		155,585					155,585		
Total Expenditures	\$	156,585	\$ -	\$ -	\$ -	\$ -	\$ 156,585	\$ -	\$ -
Funding									
Levy Funding	\$	30,497					30,497		
Reserve Funding		-					-		
Grant Funding - Canada Community Building Fund		126,088					126,088		
Total Funding	\$	156,585	\$ -	\$ -	\$ -	\$ -	\$ 156,585	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name: Line 29 (Gibb Road) - 400m sw of Road 122 to 1 km sw of Road 122

Department: Public Works - Roads

Project Manager: Ken Bettles, Director of Public Works

Start Date: May 2027 **Completion Date:** Oct 2027

Budget Version: Council Approved **Year:** 2024



Project Description
 Cold in place recycle. Asphalt overlay. Boundary road with City of Stratford.

Project Details

Road Section	139/169
Road Length: (m/kms)	648 m / 0.648 kms
Boundary Road	Yes
Traffic Range (VPD)	1000-1999
Road Maintenance Class	4
Surface type	HCB - 2 lifts
Road Surface Rating	5
Road Structure Rating	8
Drainage Rating	Good / Ditch
Inspection Date	April 17, 2023
Ward	Downie
2024 Age/Useful Life (%)	14 / 70%

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	1,000					1,000		
Contracted Services	243,745					243,745		
Total Expenditures	\$ 244,745	\$ -	\$ -	\$ -	\$ -	\$ 244,745	\$ -	\$ -
Funding								
Boundary Road Recovery	\$ 122,372					\$ 122,372		
Levy Funding	122,372					\$ 122,372		
Reserve Funding	-					-		
Grant Funding	-					-		
Total Funding	\$ 244,745	\$ -	\$ -	\$ -	\$ -	\$ 244,745	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

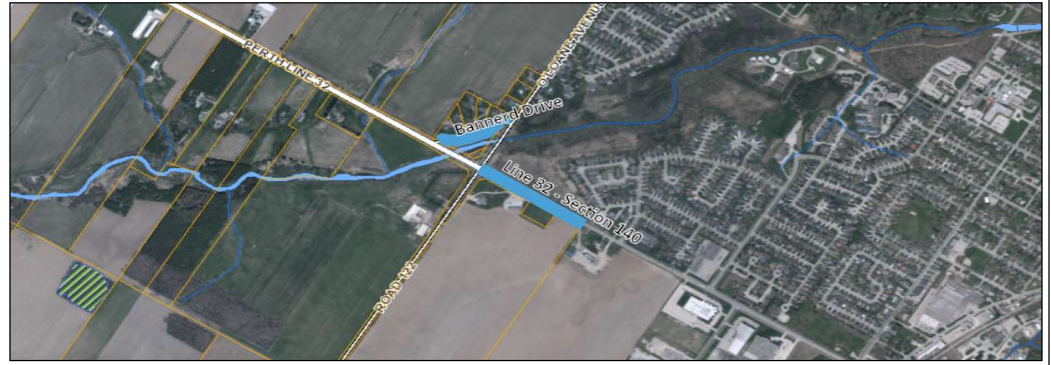
Project Name: Line 32 (Lorne Ave) - Road 122 to 400 m east of Road 122

Department: Public Works - Roads

Project Manager: Ken Bettles, Director of Public Works

Start Date: May 2027 **Completion Date:** Oct 2027

Budget Version: Council Approved **Year:** 2024



Project Description

Project Details

Road Section	140
Road Length: (m/kms)	419 m / 0.419 kms
Boundary Road	Yes
Traffic Range (VPD)	1000-1999
Road Maintenance Class	4
Surface type	HCB - 2 lifts
Road Surface Rating	6
Road Structure Rating	9
Drainage Rating	Good / Ditch
Inspection Date	April 17, 2023
Ward	Downie
2024 Age/Useful Life (%)	

		Project Budget							
		Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures									
Advertising	\$ -								
Materials Purchased	-								
Engineering	1,000						1,000		
Contracted Services	155,961						155,961		
Total Expenditures	\$ 156,961	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 156,961	\$ -	\$ -
Funding									
Recovery Funding - Boundary Municipality	\$ 77,981						\$ 77,981		
Levy Funding	\$ 78,981						78,981		
Reserve Funding	\$ -						-		
Grant Funding	\$ -						-		
Total Funding	\$ 156,961	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 156,961	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

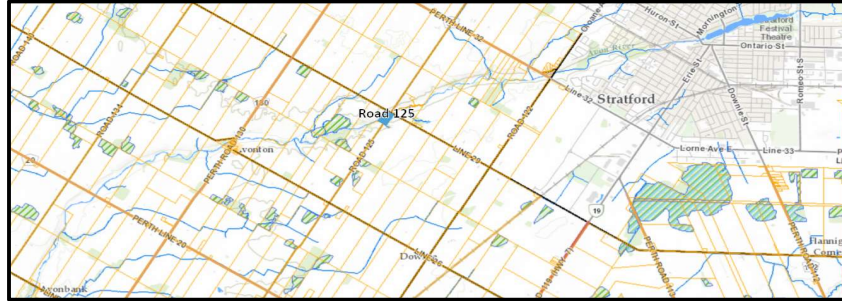
Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description
Road section 105 was paved in 1996 with 50mm HL-4 of asphalt at a cost of \$24,890. Based on a 2018 inspection, this section maintained a Street Condition Rating of 6.0 in comparison to the 2013 rating. This road section was included in the 2018 Road Management Study as needing a rural paving on 50mm HL-4 for 40 metres. The work currently being proposed includes pulverize existing asphalt, drainage improvements, and new base asphalt.
Project Justification
Section 105: South 40m section is rough. Balance is in good condition with a rating of 9.0. Suggest paving south 40m section.

Project Details	
Road Length Section 105: (m/kms)	178m / 0.178km
Total Road Length: (m/kms)	178m / 0.178km
Boundary Road	No
Traffic Range (VPD)	0-49
Road Maintenance Class	6
Surface type	HCB - 2 lifts
Road Condition Rating * Section 105	6
Drainage Rating	Good / Ditch
Ward	Downie
2023 Age/Useful Life (%)	25/20 (125%)

	Project Budget							
	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	-							
Contracted Services	70,915					70,915		
Total Expenditures	\$ 70,915	\$ -	\$ -	\$ -	\$ -	\$ 70,915	\$ -	\$ -
Funding								
Levy Funding	\$ 70,915					\$ 70,915		
Reserve Funding	-					-		
Grant Funding	-					-		
Total Funding	\$ 70,915	\$ -	\$ -	\$ -	\$ -	\$ 70,915	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description

Project Details

Road Section	106.2
Road Length: (m/kms)	75 m / 0.075 kms
Boundary Road	No
Traffic Range (VPD)	0-49
Road Maintenance Class	6
Surface type	HCB - 1 lift
Road Surface Rating	5
Road Structure Rating	7
Drainage Rating	Good / Ditch
Inspection Date	April 17, 2023
Ward	Downie
2024 Age/Useful Life (%)	UNKNOWN

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	-							
Contracted Services	17,908					17,908		
Total Expenditures	\$ 17,908	\$ -	\$ -	\$ -	\$ -	\$ 17,908		\$ -
Funding								
Levy Funding	\$ 17,908					\$ 17,908		
Reserve Funding	-					-		
Grant Funding	-					-		
Total Funding	\$ 17,908	\$ -	\$ -	\$ -	\$ -	\$ 17,908	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name: Culvert 130 - Line 26 between Road 134 and Road 140

Department: Public Works - Bridges and Culverts

Project Manager: Ken Bettles

Start Date: April 2027 **Completion Date:** Dec 2027

Budget Version: Council Approved **Year:** 2024



Project Description

This culvert is not part of the Bridge Inspection Report as it is less than 3 metres in length. Bridges and Culverts with a span of less than 3 metres are not subject to the same review as larger structures and make up part of the road base asset. This asset, and assets similar to it are not part of the asset base and must be added to the asset inventory in the coming year.

Project Justification

This project was included as a priority in the next 6 to 10 years with required repairs including patch repair culvert, footing and struts, and erosion protection.

Project Details

Span Length	1.8 m
Boundary Road	No
Structure Group	Culvert
Structure Type	Concrete Rectangular
Bridge Condition Index	32
Ward/Geographic Twp	Downie
2024 Culvert Age/Useful Life	64/80 (80%)

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	13,000					13,000		
Contracted Services	170,948					170,948		
Total Expenditures	\$ 183,948	\$ -	\$ -	\$ -	\$ -	\$ 183,948	\$ -	\$ -
Funding								
Levy Funding	\$ 183,948					\$ 183,948		
Reserve Funding						-		
Grant Funding						-		
Total Funding	\$ 183,948	\$ -	\$ -	\$ -	\$ -	\$ 183,948	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

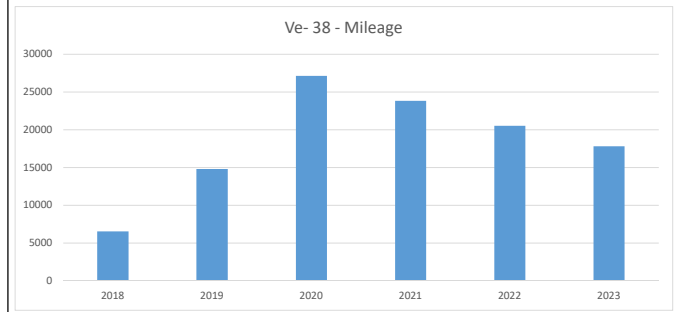
Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description

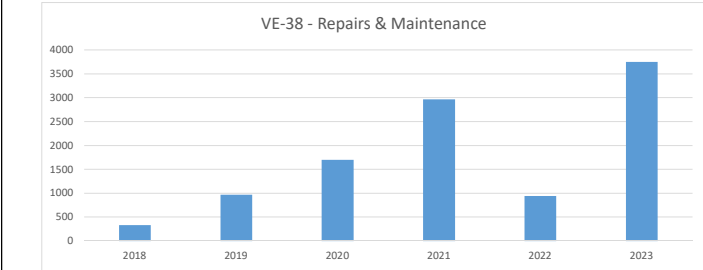
Replacement of RAM 4500 truck #38. Truck is used for public works road patrol and maintenance activities. This vehicle currently has a total of 110,640 kms, which represents average annual mileage of 18,440.



Project Justification

This truck was purchased in 2018 at a cost of \$71,392. The truck has a useful life of 9 years and will be 9 years old in 2027. Repairs and maintenance costs total 11,341, which represents an average annual cost of \$1,620.

The old truck will be sold at auction and the proceeds will be placed in the Equipment Reserve to fund future equipment and vehicle purchases.



Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	-							
Contracted Services	113,421					113,421		
Total Expenditures	\$ 113,421	\$ -	\$ -	\$ -	\$ -	\$ 113,421	\$ -	\$ -
Funding								
Levy Funding	\$ -					\$ -		\$ -
Reserve Funding	113,421					113,421		-
Grant Funding	-					-		-
Total Funding	\$ 113,421	\$ -	\$ -	\$ -	\$ -	\$ 113,421	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

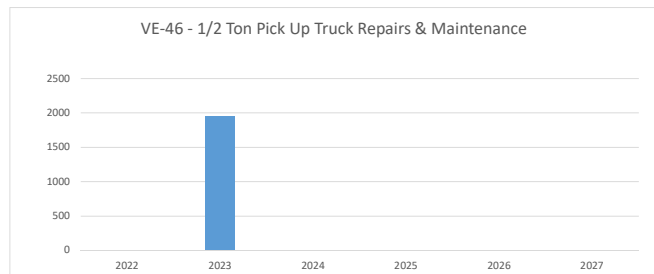
Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description

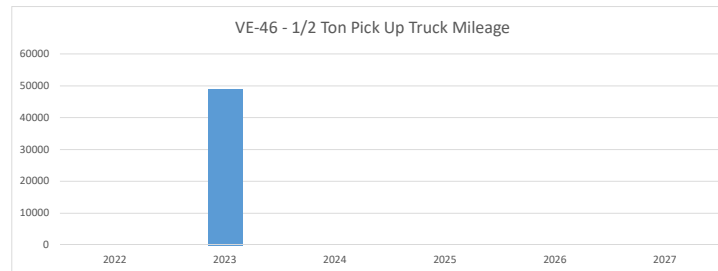
Replacement of Chevrolet 1500 pickup truck #46. Truck is used for public works road patrol and maintenance activities. This truck currently has a total of 49,073 kms, which represents average annual mileage of 24,537. Repairs and maintenance total \$1,954, which represents an average annual cost of \$977.



Project Justification

This truck was purchased in 2022 at a cost of \$37,814. The truck has a useful life of 5 years and will be 5 years old in 2027.

The old truck will be sold at auction and the proceeds will be placed in the Equipment Reserve to fund future equipment and vehicle purchases.



Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	65,185					\$ 65,185		
Engineering	-							
Contracted Services	-							
Total Expenditures	\$ 65,185	\$ -	\$ -	\$ -	\$ -	\$ 65,185	\$ -	\$ -
Funding								
Levy Funding	\$ -					\$ -		
Reserve Funding	65,185					65,185		
Grant Funding	-					-		
Total Funding	\$ 65,185	\$ -	\$ -	\$ -	\$ -	\$ 65,185	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name: Vehicle - Heavy Truck - Tandem Dump

Department: Public Works - Vehicles & Equipment

Project Manager: Ken Bettles

Start Date: 1-Apr-27 **Completion Date:** 1-Dec-27

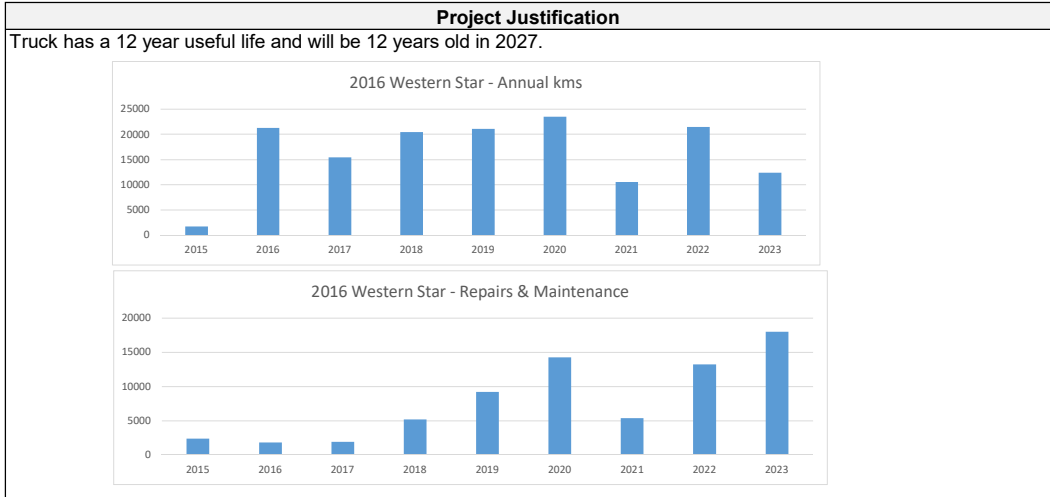
Budget Version: Council Approved **Year:** 2024



Project Description

Replacement of truck #34. Truck #34 is a 2016 Western Star Tandem plow truck. The current total mileage is 147,816, which represents average annual mileage of 16,424. Repairs and maintenance total \$71,363, which represents an average annual cost of \$7,929.

The old equipment will be sold at auction and the proceeds will be placed in the Equipment Reserve to fund future equipment purchases.

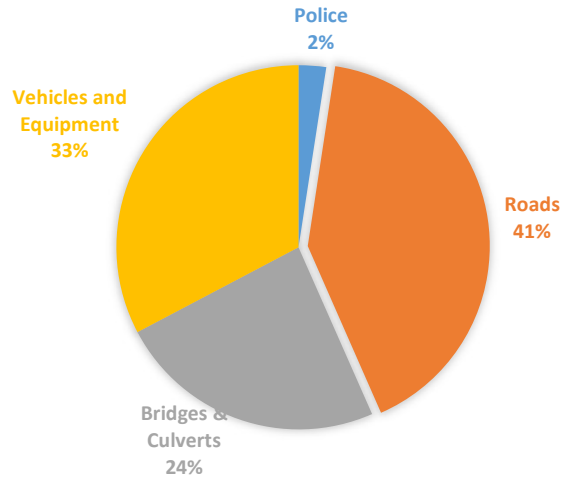


		Project Budget							
		Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures									
Advertising	\$	-							
Materials Purchased		424,483					424,483		
Engineering		-							
Contracted Services		-							
Total Expenditures		\$ 424,483	\$ -	\$ -	\$ -	\$ -	\$ 424,483	\$ -	\$ -
Funding									
Levy Funding	\$	-					-		
Reserve Funding		424,483					424,483		
Grant Funding		-					-		
Total Funding		\$ 424,483	\$ -	\$ -	\$ -	\$ -	\$ 424,483	\$ -	\$ -

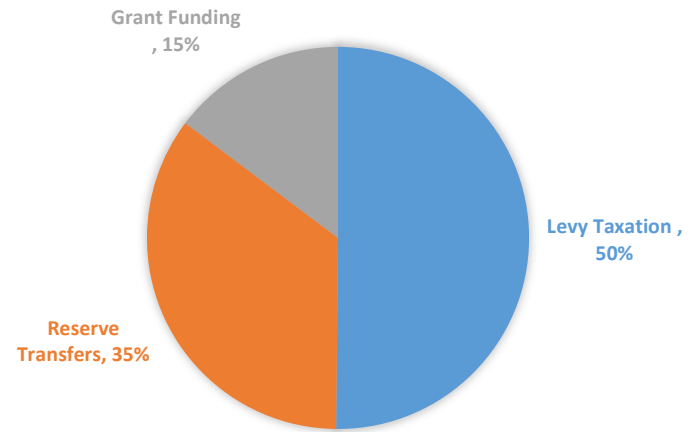
Township of Perth South 2028 - Summary Capital Projects

Project Name	Capital Cost	Recovery Revenue	Net Cost	Levy Taxation	Reserve Transfers	Grant Funding
Protective Services						
Police	\$ 90,978	\$ -	\$ 90,978	\$ -	\$ 90,978	\$ -
Transportation						
Roads	\$ 1,537,732	\$ -	\$ 1,537,732	\$ 985,675	\$ -	\$ 552,057
Bridges & Culverts	\$ 896,514	\$ -	\$ 896,514	\$ 896,514	\$ -	\$ -
Vehicles and Equipment	\$ 1,227,199	\$ -	\$ 1,227,199	\$ -	\$ 1,227,199	\$ -
Total Capital	3,661,445	-	3,661,445	1,882,189	1,318,177	552,057

2028 CAPITAL SPENDING



2028 CAPITAL FUNDING



**Township of Perth South
2028 - Detailed Summary of Capital Projects**

Project Name	Total Cost	Recovery Revenue	Net Cost	Levy Taxation	Reserve Transfers	Grant Funding
Protective Services						
<u>Police Services</u>						
Police Cruiser	\$ 90,978	\$ -	\$ 90,978	\$ -	\$ 90,978	\$ -
Transportation						
<u>Roads</u>						
Boyce Street (S. 89)	\$ 272,759	\$ -	\$ 272,759	\$ 146,671	\$ -	\$ 126,088
Herman Street (S. 83)	\$ 29,598	\$ -	\$ 29,598	\$ 29,598	\$ -	\$ -
Hammond	\$ 35,759	\$ -	\$ 35,759	\$ 35,759	\$ -	\$ -
Flax Mill Road	\$ 30,978	\$ -	\$ 30,978	\$ 30,978	\$ -	\$ -
Road 134/Station Road	\$ 1,103,215	\$ -	\$ 1,103,215	\$ 677,246	\$ -	\$ 425,969
Road 137 (S. 51.3)	\$ 65,423	\$ -	\$ 65,423	\$ 65,423	\$ -	\$ -
Total Roads	\$ 1,537,732	\$ -	\$ 1,537,732	\$ 985,675	\$ -	\$ 552,057
<u>Bridges & Culverts</u>						
Bridge 102	\$ 896,514	\$ -	\$ 896,514	\$ 896,514	\$ -	\$ -
Total Bridges & Culverts	\$ 896,514	\$ -	\$ 896,514	\$ 896,514	\$ -	\$ -
<u>Vehicles and Equipment</u>						
Tandem Dump	\$ 432,973	\$ -	\$ 432,973	\$ -	\$ 432,973	\$ -
Grader	\$ 703,581	\$ -	\$ 703,581	\$ -	\$ 703,581	\$ -
Sweeper	\$ 21,251	\$ -	\$ 21,251	\$ -	\$ 21,251	\$ -
Wood Chipper	\$ 69,394	\$ -	\$ 69,394	\$ -	\$ 69,394	\$ -
Total Equipment	\$ 1,227,199	\$ -	\$ 1,227,199	\$ -	\$ 1,227,199	\$ -
Total Capital	\$ 3,752,423	\$ -	\$ 3,752,423	\$ 1,882,189	\$ 1,318,177	\$ 552,057



TOWNSHIP OF PERTH SOUTH

Capital Budget

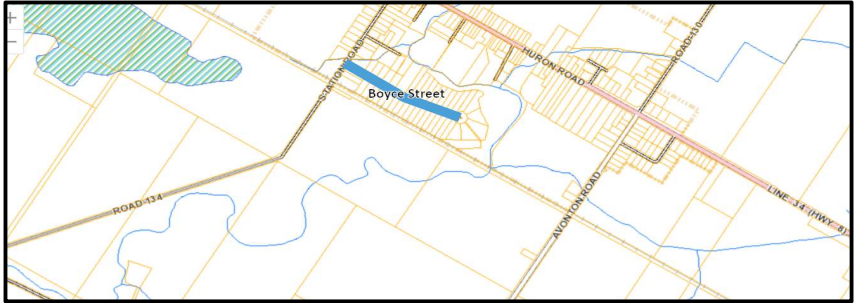
Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description
 Road Section 89 was paved in 1990 with urban paving of 40mm HL-4 of asphalt at a cost of \$56,220. Based on a 2018 inspection, this section maintained a Street Condition Rating of 7.0 in comparison to the 2013 rating. This road section was included in the 2018 Road Management Study as needing an urban partial depth cold paving and resurfacing in 2021.

Project Justification
 Section 89: Cracking up to minor alligatoring. West 100m has no curb. Should have been overlaid by 2021.

Project Details	
Road Section	89
Total Road Length: (m/kms)	678m / 0.678km
Boundary Road	No
Traffic Range (VPD)	50-199
Road Maintenance Class	6
Surface type	HCB - 2 lifts
Road Condition Rating * Section 89	7
Drainage Rating	Fair / Sewer
Ward	Sebringville
2024 Age/Useful Life (%)	

	Project Budget							
	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	10,000						10,000	
Contracted Services	262,759						262,759	
Total Expenditures	\$ 272,759	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 272,759	\$ -
Funding								
Levy Funding	\$ 146,671						\$ 146,671	
Reserve Funding	-						-	
Grant Funding - Canada Community Building Fund	126,088						126,088	
Total Funding	\$ 272,759	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 272,759	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

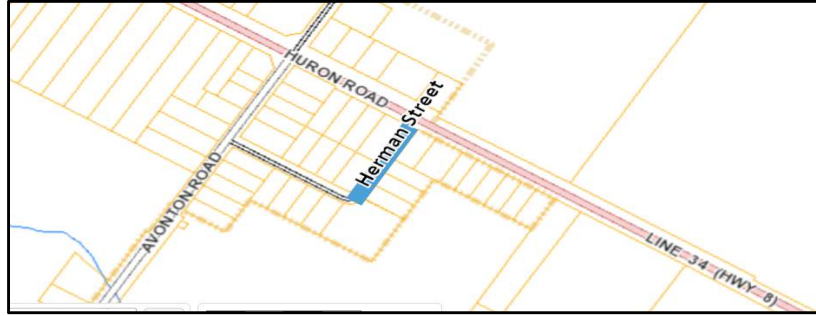
Project Name: Herman St. - Line 34 to Hammond St.

Department: Public Works - Roads

Project Manager: Ken Bettles

Start Date: May 2028 **Completion Date:** Oct 2028

Budget Version: Council Approved **Year:** 2024



Project Description
Mill and resurface.
Project Justification

Project Details	
Road Section :	83
Total Road Length: (m/kms)	161m / 0.161 kms
Boundary Road	No
Traffic Range (VPD)	0-49
Road Maintenance Class	6
Surface type	HCB - 2 lifts
Road Surface Rating	5
Road Structure Rating	7
Drainage Rating	Good / Sewer
Inspection Date	April 17, 2023
Ward	Downie
2024 Age/Useful Life (%)	8 / 40%

	Project Budget							
	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	1,000						1,000	
Contracted Services	28,598						28,598	
Total Expenditures	\$ 29,598	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,598	\$ -
Funding								
Levy funding	\$ 29,598						\$ 29,598	
Reserve Funding	-						-	
Grant Funding - Ontario Community Infrastructure Fund (OCIF)	-						-	
Total Funding	\$ 29,598	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,598	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description
Mill and resurface
Project Justification

Project Details	
Road Section :	84
Total Road Length: (m/kms)	187m / 0.187 kms
Boundary Road	No
Traffic Range (VPD)	0-49
Road Maintenance Class	6
Surface type	HCB - 2 lifts
Road Surface Rating	5
Road Structure Rating	6.5
Drainage Rating	Good / Sewer
Inspection Date	April 17, 2023
Ward	Downie
2024 Age/Useful Life (%)	

	Project Budget							
	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	1,000						1,000	
Contracted Services	34,759						34,759	
Total Expenditures	\$ 35,759	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,759	\$ -
Funding								
Levy funding	\$ 35,759						\$ 35,759	
Reserve Funding	-						-	
Grant Funding - Ontario Community Infrastructure Fund (OCIF)	-						-	
Total Funding	\$ 35,759	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,759	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description
Project Justification

Project Details	
Road Section :	88
Total Road Length: (m/kms)	162m / 0.162 kms
Boundary Road	No
Traffic Range (VPD)	0-49
Road Maintenance Class	4
Surface type	HCB - 2 lifts
Road Surface Rating	5
Road Structure Rating	6.5
Drainage Rating	Fair / Other
Inspection Date	April 17, 2023
Ward	Downie
2023 Age/Useful Life (%)	20 / 100%

Project Budget								
	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	1,000						1,000	
Contracted Services	29,978						29,978	
Total Expenditures	\$ 30,978	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,978	\$ -
Funding								
Levy funding	\$ 30,978						\$ 30,978	
Reserve Funding	-						-	
Grant Funding	-						-	
Total Funding	\$ 30,978	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,978	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name: Road 134/Station Road - Line 34 (Hwy 8) to 70 m South of Railway Tracks

Department: Public Works - Roads

Project Manager: Ken Bettles

Start Date: May 2028 **Completion Date:** Oct 2028

Budget Version: Council Approved **Year:** 2024



Project Description
Urban reconstruction.
Project Justification

Project Details		
Road Name	Station Road	Road 134 S. of Railway
Road Section	87	90.2
Total Road Length (m/kms)	678m /0.678 kms	67m / 0.067 kms
Boundary Road	No	No
Traffic Range (VPD)	200-499	50-199
Road Maintenance Class	5	6
Surface type	HCB - 2 lifts	HCB - 1 lift
Road Surface Rating	5	6
Road Structure Rating	7	7
Drainage Rating	Good / Other	Good / Ditch
Inspection Date	April 17, 2023	April 17, 2023
Ward	Downie	Downie
2024 Age/Useful Life (%)	34 / 170%	UNKNOWN

	Project Budget							
	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	60,000						60,000	
Contracted Services	1,043,215						1,043,215	
Total Expenditures	\$ 1,103,215	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,103,215	\$ -
Funding								
Levy funding	\$ 677,246						\$ 677,246	
Reserve Funding	-						-	
Grant Funding - Ontario Community Infrastructure Fund (OCIF)	425,969						425,969	
Total Funding	\$ 1,103,215	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,103,215	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name: Road 137 - b/t town limits and 274m North

Department: Public Works - Roads

Project Manager: Ken Bettles, Director of Public Works

Start Date: May 2028 **Completion Date:** Oct 2028

Budget Version: Council Approved **Year:** 2024



Project Description
Reconstruct Road 137

Project Details
Road Section Road Length: (m/kms) Boundary Road Traffic Range (VPD) Road Maintenance Class Surface type Road Surface Rating Road Structure Rating Drainage Rating Inspection Date Ward 2024 Age/Useful Life (%)

	Project Budget							
	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	2,000					2,000		
Contracted Services	63,423					63,423		
Total Expenditures	\$ 65,423	\$ -	\$ -	\$ -	\$ -	\$ 65,423	\$ -	\$ -
Funding								
Levy Funding	\$ 65,423					\$ 65,423		
Reserve Funding	-					-		
Grant Funding	-					-		
Total Funding	\$ 65,423	\$ -	\$ -	\$ -	\$ -	\$ 65,423	\$ -	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

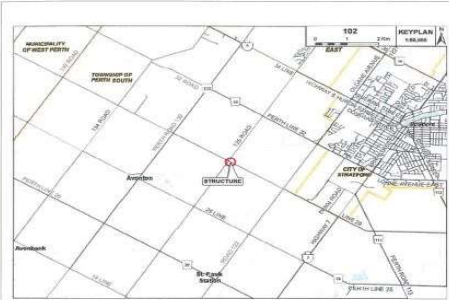
Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description
 Bridge 102 is located on Line 29 between Road 125 and Road 122 on Road Section 138. It's structure type is I-beam/Girder and it was built in 1970 at a cost of \$111,651. In 2000, the bridge deck was repaired, waterproofed and paved at a cost of \$48,950. The Bridge Condition Index (BCI) was 65 in 2019. In 2021 the Bridge Inspection Report identified work on this culvert as a priority in the 6 to 10 year time frame. The work required includes new curb, parapet walls, expansion joints, and allowance for new bearing pads.

Project Justification
 Section 102 Bridge Condition Summary: 6-10 year repair/replacement recommended

Project Details	
Span Length(s) Section 102	24.9
Boundary Bridge	No
Structure Group	Beam/Girder
Structure Type	I-beam or Girders
Surface Type	Asphalt
Bridge Condition Index	65
Ward/Geographic Twp	Downie
2023 Bridge Foundation Age/Useful Life	53/80 (66%)
2023 Bridge Superstructure Age/Useful Life	53/40 (133%)
2023 Bridge Deck Age/Useful Life	53/40 (133%)
2023 Bridge Deck Betterment Age/Useful Life	22/30 (73%)

	Project Budget							
	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -							
Materials Purchased	-							
Engineering	40,000						40,000	
Contracted Services	856,514						856,514	
Total Expenditures	\$ 896,514	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 896,514	\$ -
Funding								
Levy funding	\$ 896,514						\$ 896,514	
Reserve Funding	-						-	
Grant Funding	-						-	
Total Funding	\$ 896,514	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 896,514	\$ -



TOWNSHIP OF PERTH SOUTH

Capital Budget

Project Name:

Department:

Project Manager:

Start Date: **Completion Date:**

Budget Version: **Year:**



Project Description

Replacement of truck #35. Truck #35 is a 2016 Freightliner Tandem plow truck. Repair and maintenance costs total \$68,157, which represents an average annual cost of \$8,520. The total milage is 140,645 kms, which represents an average annual mileage of 17,581.

Project Justification

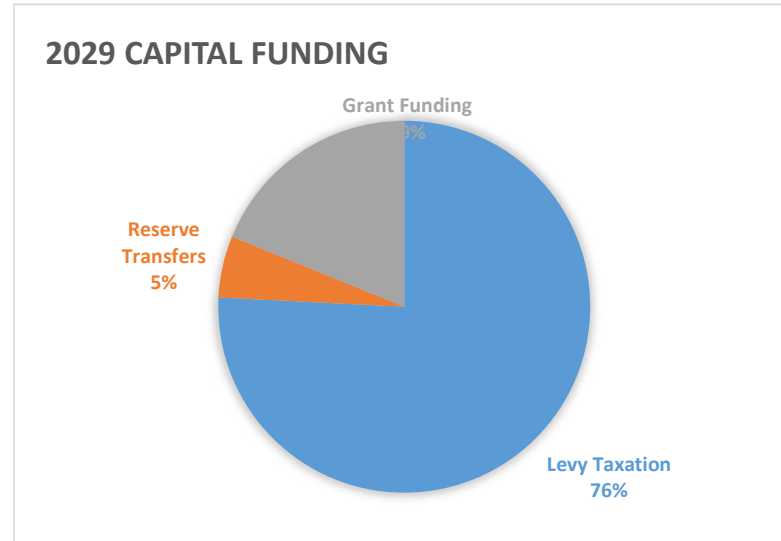
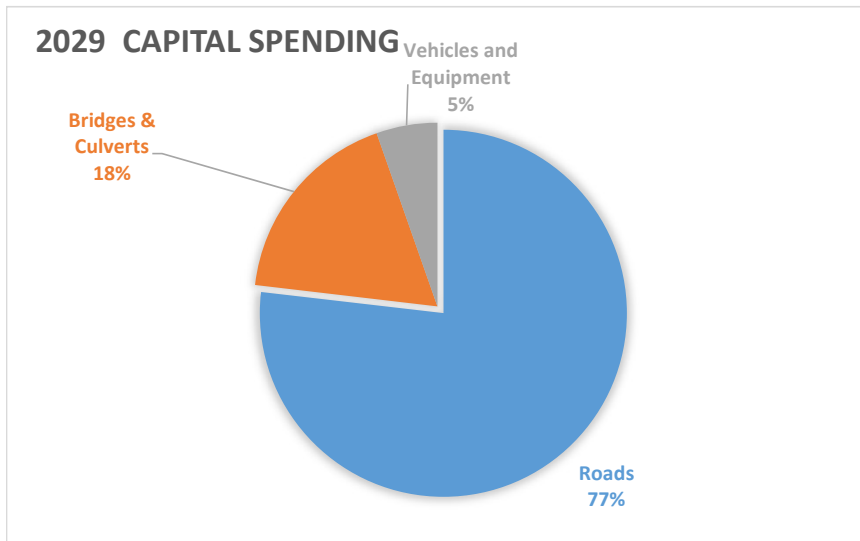
Lifecycle Replacment of truck #35.

Project Budget

	Total Cost	Prior Years	2024	2025	2026	2027	2028	2029
Expenditures								
Advertising	\$ -						\$ -	
Materials Purchased	432,973						432,973	
Engineering	-						-	
Contracted Services	-						-	
Total Expenditures	\$ 432,973	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 432,973	\$ -
Funding								
Levy funding	\$ -						\$ -	
Reserve Funding	432,973						432,973	
Grant Funding	-						-	
Total Funding	\$ 432,973	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 432,973	\$ -

Township of Perth South 2029 - Summary Capital Projects

Project Name	Capital Cost	Recovery		Net Cost	Reserve		Grant Funding
		Revenue			Levy Taxation	Transfers	
Transportation							
Roads	\$ 2,251,339	\$ -	\$ 2,251,339	\$ 1,825,370	\$ -	\$ 425,969	
Bridges & Culverts	\$ 521,422	\$ -	\$ 521,422	\$ 395,334	\$ -	\$ 126,088	
Vehicles and Equipment	\$ 156,673	\$ -	\$ 156,673	\$ -	\$ 156,673	\$ -	
Total Capital	2,929,435	\$ -	2,929,435	2,220,705	156,673	552,057	



**Township of Perth South
2029 - Detailed Summary of Capital Projects**

Project Name	Total Cost	Recovery Revenue	Net Cost	Levy Taxation	Reserve Transfers	Grant Funding
Transportation						
<u>Roads</u>						
Line 6	\$ 2,251,339	\$ -	\$ 2,251,339	\$ 1,825,370	\$ -	\$ 425,969
Total Roads	\$ 2,251,339	\$ -	\$ 2,251,339	\$ 1,825,370	\$ -	\$ 425,969
<u>Bridges & Culverts</u>						
Bridge 44	\$ 521,422		\$ 521,422	\$ 395,334	\$ -	\$ 126,088
Total Bridges & Culverts	\$ 521,422	\$ -	\$ 521,422	\$ 395,334	\$ -	\$ 126,088
<u>Vehicles and Equipment</u>						
Disc Mower	\$ 20,867		\$ 20,867	\$ -	\$ 20,867	\$ -
Disc Mower	\$ 20,867		\$ 20,867	\$ -	\$ 20,867	\$ -
3/4-Ton Pick up Truck	\$ 98,072		\$ 98,072	\$ -	\$ 98,072	\$ -
Plow	\$ 16,867		\$ 16,867	\$ -	\$ 16,867	\$ -
Total Equipment	\$ 156,673	\$ -	\$ 156,673	\$ -	\$ 156,673	\$ -
Total Capital	\$ 2,929,435	\$ -	\$ 2,929,435	\$ 2,220,705	\$ 156,673	\$ 552,057

