

**TAY VALLEY TOWNSHIP**  
**10 YEAR CAPITAL PLAN**  
**2023 TO 2033**

**RESERVES**

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
<b>Vehicles &amp; Equipment = Roads Equipment + New Infrastructure</b>												
Opening	355,809	546,714	242,418	240,810	272,794	(35,753)	(331,666)	(509,467)	(201,420)	(490,331)	(398,707)	(683,508)
Annual Contribution	239,106	243,454	253,192	263,320	273,853	284,807	296,199	308,047	320,369	333,184	346,511	360,371
Annual Spending	(48,201)	(547,750)	(254,800)	(231,336)	(582,400)	(580,719)	(474,000)	0	(609,280)	(241,560)	(631,312)	(819,000)
Closing	546,714	242,418	240,810	272,794	(35,753)	(331,666)	(509,467)	(201,420)	(490,331)	(398,707)	(683,508)	(1,142,137)
<b>Bridge Construction</b>												
Opening	382,213	180,182	236,337	35,052	(435,909)	(543,256)	(323,795)	(241,987)	(215,341)	(771,977)	(513,411)	(382,515)
Annual Contribution	193,443	201,181	209,228	217,597	226,301	235,353	244,767	254,558	264,740	275,330	286,343	297,797
Annual Spending	(395,474)	(145,026)	(410,513)	(688,559)	(333,648)	(15,892)	(162,960)	(227,912)	(821,376)	(16,764)	(155,448)	0
Closing	180,182	236,337	35,052	(435,909)	(543,256)	(323,795)	(241,987)	(215,341)	(771,977)	(513,411)	(382,515)	(84,718)
<b>Road Construction (Paved &amp; Gravel)</b>												
Opening	955,337	758,886	816,066	240,814	395,862	555,908	116,499	112,985	(440,078)	(606,202)	(686,782)	(284,322)
Annual Contribution	451,249	469,298	836,470	869,929	904,726	940,915	978,551	1,017,694	1,058,401	1,100,737	1,144,767	1,190,558
Annual Spending	(647,700)	(412,118)	(1,411,722)	(714,881)	(744,680)	(1,380,324)	(982,065)	(1,570,757)	(1,224,525)	(1,181,317)	(742,307)	(766,127)
Closing	758,886	816,066	240,814	395,862	555,908	116,499	112,985	(440,078)	(606,202)	(686,782)	(284,322)	140,109
<b>Buildings = Township Office/Garage + Burgess Hall/Garage + Sherbrooke Garage + Salt Sheds + Maberley Hall</b>												
Opening	345,715	378,279	211,765	(125,260)	(499,862)	(562,366)	(726,118)	(983,026)	(1,133,541)	(1,154,532)	(1,218,763)	(1,555,074)
Annual Contribution	32,564	33,866	35,221	36,629	38,095	39,618	41,203	42,851	44,565	46,348	48,202	50,130
Annual Spending	0	(200,380)	(372,245)	(411,232)	(100,598)	(203,371)	(298,111)	(193,366)	(65,556)	(110,579)	(384,513)	(370,306)
Closing	378,279	211,765	(125,260)	(499,862)	(562,366)	(726,118)	(983,026)	(1,133,541)	(1,154,532)	(1,218,763)	(1,555,074)	(1,875,250)
<b>Waste = Waste Site</b>												
Opening	50,376	46,721	5,400	10,786	16,387	22,213	28,272	(14,627)	(8,074)	(53,739)	(100,771)	(93,400)
Annual Contribution	3,225	5,179	5,386	5,602	5,826	6,059	6,301	6,553	6,815	7,088	7,371	7,666
Annual Spending	(6,880)	(46,500)	0	0	0	0	(49,200)	0	(52,480)	(54,120)	0	0
Closing	46,721	5,400	10,786	16,387	22,213	28,272	(14,627)	(8,074)	(53,739)	(100,771)	(93,400)	(85,734)
<b>Land Improvements = Recreation Capital</b>												
Opening	187,615	181,680	197,284	216,861	237,217	178,966	115,688	80,412	103,573	95,900	88,480	81,404
Annual Contribution	39,015	42,804	44,516	46,297	48,149	50,075	52,078	54,161	56,327	58,580	60,923	63,360
Annual Spending	(44,949)	(27,200)	(24,940)	(25,940)	(106,400)	(113,353)	(87,353)	(31,000)	(64,000)	(66,000)	(68,000)	(70,000)
Closing	181,680	197,284	216,861	237,217	178,966	115,688	80,412	103,573	95,900	88,480	81,404	74,764
<b>Other Assets = Office Equip + Official Plan/Zoning Reserves + Election+ Asset Management</b>												
Opening	141,976	84,692	78,450	8,420	45,692	(22,961)	(95,452)	(33,469)	(126,615)	(81,247)	(616)	103,833
Annual Contribution	36,934	73,384	76,319	79,372	82,547	85,849	89,283	92,854	96,568	100,431	104,448	108,626
Annual Spending	(94,218)	(79,626)	(146,350)	(42,100)	(151,200)	(158,340)	(27,300)	(186,000)	(51,200)	(19,800)	0	0
Closing	84,692	78,450	8,420	45,692	(22,961)	(95,452)	(33,469)	(126,615)	(81,247)	(616)	103,833	212,459
<b>TOTALS with Federal Gas Tax &amp; Development Charges NOT included</b>												
Opening	2,419,041	2,177,154	1,787,720	627,483	32,181	(407,249)	(1,216,573)	(1,589,180)	(2,021,496)	(3,062,127)	(2,830,569)	(2,813,583)
Annual Contribution	995,536	1,069,166	1,460,333	1,518,746	1,579,496	1,642,676	1,708,383	1,776,718	1,847,787	1,921,698	1,998,566	2,078,509
Annual Spending	(1,237,423)	(1,458,600)	(2,620,570)	(2,114,048)	(2,018,926)	(2,451,999)	(2,080,990)	(2,209,034)	(2,888,418)	(1,690,140)	(1,981,579)	(2,025,432)
Closing	2,177,154	1,787,720	627,483	32,181	(407,249)	(1,216,573)	(1,589,180)	(2,021,496)	(3,062,127)	(2,830,569)	(2,813,583)	(2,760,506)
<b>Federal Gas Tax</b>												
Opening	637,577	533,373	41,419	0	0	0	0	0	0	0	0	0
Annual Contribution	195,796	187,478	187,478	187,478	187,478	187,478	187,478	187,478	187,478	187,478	187,478	187,478
Annual Spending	(300,000)	(679,432)	(228,897)	(187,478)	(187,478)	(187,478)	(187,478)	(187,478)	(187,478)	(187,478)	(187,478)	(187,478)
Closing	533,373	41,419	0	0	0	0	0	0	0	0	0	0
<b>Development Charge Reserve</b>												
Opening	212,289	276,199	(131,251)	(24,811)	84,727	187,495	294,024	399,357	476,971	586,941	648,521	763,521
Annual Contribution	191,146	175,000	166,250	149,625	134,665	115,000	115,000	115,000	115,000	115,000	115,000	115,000
Annual Spending	(127,237)	(582,450)	(59,810)	(40,086)	(31,898)	(8,470)	(9,667)	(37,386)	(5,030)	(53,420)	0	(126,448)
Closing	276,199	(131,251)	(24,811)	84,727	187,495	294,024	399,357	476,971	586,941	648,521	763,521	752,073
<b>TOTALS with Federal Gas Tax &amp; DC included</b>												
Opening	3,268,907	2,986,726	1,697,888	602,672	116,908	(219,754)	(922,548)	(1,189,822)	(1,544,525)	(2,475,186)	(2,182,049)	(2,050,062)
Annual Contribution	1,382,478	1,431,644	1,814,061	1,855,849	1,901,639	1,945,154	2,010,861	2,079,196	2,150,265	2,224,176	2,301,044	2,380,987
Annual Spending	(1,664,660)	(2,720,482)	(2,909,277)	(2,341,612)	(2,238,302)	(2,647,948)	(2,278,135)	(2,433,898)	(3,080,926)	(1,931,039)	(2,169,057)	(2,339,358)
Closing	2,986,726	1,697,888	602,672	116,908	(219,754)	(922,548)	(1,189,822)	(1,544,525)	(2,475,186)	(2,182,049)	(2,050,062)	(2,008,434)

TAY VALLEY TOWNSHIP  
10 YEAR CAPITAL PLAN  
2023 TO 2033

		2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
<b>Vehicles &amp; Equipment</b>	Expenses	666,750	254,800	231,336	582,400	580,719	474,000	0	609,280	241,560	631,312	819,000
Road Equipment Reserve	Funding	(547,750)	(254,800)	(231,336)	(582,400)	(580,719)	(474,000)	0	(609,280)	(241,560)	(631,312)	(819,000)
Contingency	Funding	(15,000)	0	0	0	0	0	0	0	0	0	0
Development Charges	Funding	(104,000)	0	0	0	0	0	0	0	0	0	0
Current Year Levy	Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Bridges Construction</b>	Expenses	145,026	410,513	720,036	333,648	15,892	162,960	227,912	821,376	16,764	155,448	0
Bridge Reserve	Funding	(145,026)	(410,513)	(688,559)	(333,648)	(15,892)	(162,960)	(227,912)	(821,376)	(16,764)	(155,448)	0
Gas Tax Funds	Funding	0	0	0	0	0	0	0	0	0	0	0
Development Charges	Funding	0	0	(31,477)	0	0	0	0	0	0	0	0
Current Year Levy	Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Roads Construction</b>	Expenses	1,659,000	1,751,019	1,009,909	1,036,055	1,673,625	1,276,563	1,864,621	1,517,034	1,474,022	1,029,785	1,114,365
Roads Reserve	Funding	(412,118)	(1,411,722)	(714,881)	(744,680)	(1,380,324)	(982,065)	(1,570,757)	(1,224,525)	(1,181,317)	(742,307)	(766,127)
OCIF	Funding	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)
Gas Tax Funds	Funding	(679,432)	(228,897)	(187,478)	(187,478)	(187,478)	(187,478)	(187,478)	(187,478)	(187,478)	(187,478)	(187,478)
Development Charges	Funding	(467,450)	(10,400)	(7,549)	(3,898)	(5,823)	(7,020)	(6,386)	(5,030)	(5,227)	0	(60,760)
Current Year Levy	Funding	0	0	(0)	0	0	0	0	(0)	(0)	0	0
<b>Buildings</b>	Expenses	200,380	372,245	411,232	100,598	203,371	298,111	193,366	65,556	158,772	384,513	435,994
Buildings Reserves	Funding	(200,380)	(372,245)	(411,232)	(100,598)	(203,371)	(298,111)	(193,366)	(65,556)	(110,579)	(384,513)	(370,306)
Grants	Funding	0	0	0	0	0	0	0	0	0	0	0
Development Charges	Funding	0	0	0	0	0	0	0	0	(48,193)	0	(65,688)
Current Year Levy	Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Waste Sites</b>	Expenses	101,500	10,400	32,800	0	0	49,200	0	52,480	54,120	0	0
Waste Reserve	Funding	(46,500)	0	0	0	0	(49,200)	0	(52,480)	(54,120)	0	0
Contingency	Funding	(50,250)	(10,400)	(32,800)	0	0	0	0	0	0	0	0
Development Charges	Funding	(4,750)	0	0	0	0	0	0	0	0	0	0
Current Year Levy	Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Land Improvements</b>	Expenses	32,500	26,000	27,000	134,400	116,000	90,000	62,000	64,000	66,000	68,000	70,000
Recreation Capital Reserve	Funding	(20,000)	(24,940)	(25,940)	(106,400)	(113,353)	(87,353)	(31,000)	(64,000)	(66,000)	(68,000)	(70,000)
Parkland	Funding	(12,500)	0	0	0	0	0	0	0	0	0	0
Development Charges	Funding	0	(1,060)	(1,060)	(28,000)	(2,647)	(2,647)	(31,000)	0	0	0	0
Current Year Levy	Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Other Assets (IT, Equipment, Asset Manager)</b>	Expenses	188,876	194,700	42,100	151,200	158,340	27,300	186,000	51,200	19,800	81,600	35,000
Reserves	Funding	(79,626)	(146,350)	(42,100)	(151,200)	(158,340)	(27,300)	(186,000)	(51,200)	(19,800)	(81,600)	(35,000)
Contingency	Funding	(103,000)	0	0	0	0	0	0	0	0	0	0
Grants	Funding	0	0	0	0	0	0	0	0	0	0	0
Development Charges	Funding	(6,250)	(48,350)	0	0	0	0	0	0	0	0	0
Current Year Levy	Funding	0	0	0	0	0	0	0	0	0	0	0
<b>TOTALS</b>	Expenses	2,994,032	3,019,677	2,474,412	2,338,302	2,747,948	2,378,135	2,533,898	3,180,926	2,031,039	2,350,657	2,474,358
Reserve Funds Used	Funding	(1,451,400)	(2,620,570)	(2,114,048)	(2,018,926)	(2,451,999)	(2,080,990)	(2,209,034)	(2,888,418)	(1,690,140)	(2,063,179)	(2,060,432)
Contingency	Funding	(168,250)	(10,400)	(32,800)	0	0	0	0	0	0	0	0
Parkland	Funding	(12,500)	0	0	0	0	0	0	0	0	0	0
Development Charges	Funding	(582,450)	(59,810)	(40,086)	(31,898)	(8,470)	(9,667)	(37,386)	(5,030)	(53,420)	0	(126,448)
Grants	Funding	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)
Gas Tax Funds	Funding	(679,432)	(228,897)	(187,478)	(187,478)	(187,478)	(187,478)	(187,478)	(187,478)	(187,478)	(187,478)	(187,478)
Current Year Levy	Funding	0	0	0	0	0	0	0	0	(0)	0	0

TAY VALLEY TOWNSHIP			Inflation =	4%											
10 YEAR CAPITAL PLAN			Replacement		1	2	3	4	5	6	7	8	9	10	
2023 TO 2033			ost (at 2022/23)	Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
<b>VEHICLES</b>															
<u>Tandem Trucks</u>															
T1	2016 Western Star Tandem (#1)	395,000	2028							474,000					
T2	2019 International Tandem Dump Truck (#2)	395,000	2030									505,600			
20-2	2020 Freightliner Tandem Dump Truck	395,000	2032											537,200	
20-3	2020 Freightliner Tandem Dump Truck	395,000	2034												
T12	2012 International Tandem 7600 6X4 (#12)	395,000	2023	395,000											
T17	2014 International Tandem 7600 Truck (#17)	395,000	2026					442,400							
<u>Light Trucks</u>															
20-1	2020 Chevrolet Silverado (upgrade to electric)	81,000	2030									103,680			
T6	2016 Ford F550 (#6) - no electric option available	125,000	2026	15,000				140,000							
T11	2011 Chev Silverado 4X4 3/4 ton (#11) - no electric option available	85,000	2025					91,800						119,000	
T14	2012 Dodge RAM 1500 (#14)	61,000	2023	60,250											
T16	2013 Mitsubishi-CBO (#16) (Building) (upgrade to electric)	69,200	2025					74,736						94,112	
<b>EQUIPMENT</b>															
<u>Heavy Equipment</u>															
19-1	2019 John Deere Backhoe 310SL (#19-1)	160,000	2031										211,200		
E13	2007 Volvo Grader G960 (#13)	500,620	2027	55,000					580,719						
E15	2012 CASE Backhoe (#15)	170,000	2024		176,800										
E71	2009 Komatsu Backhoe (#71)	NOT SCHEDULED FOR REPLACEMENT - BACKHOE MOVES FROM ROADS TO WASTE SITE AT TIME OF REPLACEMENT													
E80	2018 John Deere 770M Grader (#80)	465,000	2033											651,000	
21-1	Tractor with Flail and Boom Mower	247,175	2035												
	Water Tank No.	39,500	2022												
	Water Tank No.	40,000	2025				43,200								
<u>Light Equipment - (Yearly Input)</u>															
	1990 Steamers (quantity 2 - only replace 1)	20,000	2025				21,600								
E82	1998 Brush Chipper	75,000	2024		78,000										
E87	2021 Eddynet Sweeper	17,197	2035												
E88	Diesel Generator 30 kwh (#88) (1998) (Transfer switch for 2022)	60,000	2048												
E89	Brush Head (#89)-Bathurst	37,500	2023	37,500											
	Emergency Response Trailer	12,500	2022												
	Front Flail Grass Mower	23,000	2031										30,360		
	Boom Brush Mower	98,000	2036												
	Calcium Chloride Bladder (2013)	20,000	2033											28,000	
	Pressure Washer	15,000	2033											21,000	
<u>Fire Services</u>															
	Pumper Truck		2022	54,000											
	Deputy Chief Vehicle		2022												
	South Sherbrooke Pumper Truck		2022	50,000											
		4,791,692		666,750	254,800	231,336	582,400	580,719	474,000	0	609,280	241,560	631,312	819,000	
<b>Potential Funding:</b>															
	Reserves - Equipment			547,750	254,800	231,336	582,400	580,719	474,000	0	609,280	241,560	631,312	819,000	
	Reserves - Special Contingency			15,000											
	Development Charges			104,000	0	0	0	0	0	0	0	0	0	0	
	Total			666,750	254,800	231,336	582,400	580,719	474,000	0	609,280	241,560	631,312	819,000	
<b>CUMMULATIVE (SHORTFALL) IN RESERVES</b>															
				242,418	240,810	272,794	(35,753)	(295,912)	(509,467)	(201,420)	(490,331)	(398,707)	(683,508)	(1,142,137)	

TAY VALLEY TOWNSHIP															
10 YEAR CAPITAL PLAN															
2023 TO 2033															
Repair/Replacement															
Inflation 4%															
1 2 3 4 5 6 7 8 9 10															
BRIDGES	Engineering Design Costs (at 2022)	Construction Cost (at 2022)	Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
STRUCTURE NO.	Various Repairs & Guard Rails														
15-A04	9th Concession Road														
15-092	Adam's Mill Road	13,700	123,300	2028				15,892	147,960						
15-A01	Allan's Mill Road														
15-051	Anderson Road	33,100	297,900	2026		35,748	333,648								
C15-A02	Anglican Church Road Culvert														
15-159	Black Lake Road														
15-072	Bolingbroke Bridge (Crow Lake)														
15-093	Bowes Side Road	70,400	633,600	2025	73,216	684,288									
C15-A03	Doran Road Culvert														
15-075	Doran Road (Fall River Bridge)	12,500	112,500	2029					15,000	139,500	88,412	821,376			
15-050	Ennis Road														
15-076	Gambles Side Road	36,036	324,324	2024	36,036	337,297									
15-094	Glen Tay Road														
C15-096	Glen Tay Road Open Footing Culvert														
15-139	Haughians Road	12,700	114,300	2032								16,764	155,448		
C15-048	Hunter Side Road Culvert (Colton Creek)														
15-088	Menzies Munro Side Road														
15-070	Munro Road (Fall River Bridge)														
15-091	Noonans Side Rd														
15-087	Second Line Road	16,900	269,100	2022											
15-089	Upper Scotch Line Road Culvert														
15-090	Upper Scotch Line Road Bridge														
15-095	Upper Scotch Line Road Bridge														
F1	Upper Scotch Line Newly Identified 2016														
	5th Concession Culvert Replacement														
B6-C1	6th Concession (Bath.) Culvert Replacement														
					145,026	410,513	720,036	333,648	15,892	162,960	227,912	821,376	16,764	155,448	0
<b>Potential Funding:</b>															
	Bridges Reserve				145,026	410,513	688,559	333,648	15,892	162,960	227,912	821,376	16,764	155,448	0
	Federal Gas Tax														
	Development Charges						31,477								
	Total				145,026	410,513	720,036	333,648	15,892	162,960	227,912	821,376	16,764	155,448	0
<b>CUMMULATIVE (SHORTFALL) IN RESERVES</b>															
					236,337	35,052	(435,909)	(543,256)	(323,795)	(241,987)	(215,341)	(771,977)	(513,411)	(382,515)	(84,718)





TAY VALLEY TOWNSHIP 10 YEAR CAPITAL PLAN 2023 TO 2033			Maintenance Gravel								inflation = 4%		Localized Improvement				Maintenance Gravel		Possible widening Possible Upgrade to ST				Notes									
ROADS			Metres	Width	Type	§ 11(6) T/Cost	Cost (at 2023)	Previous Year	Next Year	Construction Cost (at 2023)	1				2				5	6	7				2033							
											2024	2025	2026	2027	2028	2029	2030	2031			2032	2033										
Mill Road	Dead End	Fairbrooke Road	254	3.5	700	179	\$ 3,736	--	2028									4,486									-					
Millier Bay Road	Elm Grove Road	Millier Bay Road/Private	227	4.0	800	182	\$ 3,819	--	2027									4,439										-			Widen to 6m in 10+ years?	
Millier Bay Road	Millier Bay Road/Private	Boat Launch	47	4.0	800	38	\$ 795	--	2027									923										-			-	
Millier Lane	Glen Tay Road	Dead End	212	4.2	800	170	\$ 3,568	2020	2032	12																		4,852			-	
Miners Point Road	Narrows Lock Road	Big Rideau North Shore Road	2834	6.0	1200	3401	\$ 71,427	2017	2026	9	20,000	2027					79,998	23,200													Ditching/Rock Ex	
Miners Point Road	Big Rideau North Shore Road	Basia Bay Road	1203	6.0	1200	1444	\$ 30,321	2017	2026	9	10,000	2027					33,559	11,600													Ditching/Rock Ex	
Munro Road	Armstrong Road	Dead End	954	4.0	800	763	\$ 16,031	2021	-	-																					-	
Noonan Side Road	Upper Scotch Line	Menzies Munro SR	1762	5.0	1000	1762	\$ 36,992	2020	2030	10	15,000	2025			16,200													47,349			Ditching/Rock Ex	
Norris Road	Muttons Road	Dead End	1354	4.8	1000	1354	\$ 28,435	2018	2030	12																					Widen to 6m in 10+ years?	
North Burgess 8th Concession	Otty Lake Side Road	Dead End	861	4.0	800	689	\$ 14,462	--	2028									17,355													Widen to 6m in 10+ years?	
North Mac Lane	Christie Lake North Shore Road	Dead End	893	5.4	1100	983	\$ 20,639	2023	-	-																					-	
Old Brooke Road	Cooks Road	Strong Side Road	4089	5.0	1000	4089	\$ 85,877	2019	2028	9	65,000	2026					72,800	103,052													Localized Road Base Repairs	
Old Brooke Road	Strong Side Road	Highway 7	3781	5.0	1000	3781	\$ 79,404	2019	2028	9								95,284													Ditching/Rock Ex	
Old Burke Road	McNaughton Road	Bennett Lake Road	1794	5.0	1200	2044	\$ 42,930	--	2027									49,799													-	
Old Morris Road	Keays Road	Bathurst 5th Concession	1132	5.0	1000	1132	\$ 23,780	2015	2028	13								28,535													-	
Palmer Road	Tysick Road	Dead End	226	6.0	1200	271	\$ 5,701	2023	-	-																					-	
Patterson Road	Patterson Road Private	Christie Lake North Shore Road	102	5.0	1000	102	\$ 2,147	2023	-	-																					-	
Parkins Road	Christie Lake Road	Bathurst Upper 4th Concession	1472	5.8	1100	1619	\$ 34,003	2021	2033	12																			47,604			-
Powers Road	Stanleyville Road	Dead End	1283	6.0	1200	1540	\$ 32,341	2018	2028	10								38,810													Ditching	
Powers Road	Dead End	Narrows Lock Road	860	3.6	700	602	\$ 12,635	2018	2029	11								15,668													-	
Pratt Road	Dead End	Maberly Elphin Road	1061	4.0	800	849	\$ 17,822	2021	2031	10																		23,526			-	
Railway Sliding Road	Dead End	Maberly Station Road	166	3.5	700	118	\$ 2,435	2018	2031	13																		3,311			-	
Rideau Lake Road	Beet Lane	Elm Grove Road	2064	6.2	1200	2476	\$ 26,001	--	2028									31,202													Upgrade to Surface Treatment in 2033?	
Ritchie Side Road	Crozler Road	Frontenac Boundary	1613	6.0	1200	1935	\$ 40,545	2021	2031	10																		55,278			-	
Rutherford Side Road	Bathurst 5th Concession	McVaugh Road	4488	4.8	1000	4488	\$ 94,257	2023			15,000	2027					17,400														Ditching/Rock Ex	
Stanley Road	Mackler Side Road	Narrows Lock Road	2701	6.0	1200	3241	\$ 68,065	2015	2024	9	20,000	2029	70,788					24,800													Ditching/Rock Ex	
Star Hill Road	Narrows Locks Road	Star Hill Road Private	297	4.8	1000	297	\$ 6,241	2019	2029	10	7,500	2028					9,000	7,739													Ditching/Rock Ex	
Strong Side Road	Old Brooke Road	Highway 7	1217	4.6	900	1096	\$ 23,006	2021	2033	12																					-	
Tamarack Road	Brooke Valley Road	Old Brooke Road	1722	5.5	1100	1894	\$ 39,773	2019	2031	12																					-	
Township Boundary Road	Bathurst 5th Concession	Drummond 10th Concession	1356	5.2	1000	1356	\$ 14,238	2014	2027	13								16,513													-	
Township Boundary Road	Highway 511	Bathurst 9th Concession	1075	5.8	1100	1182	\$ 12,414	--	2027									14,400													-	
Trueloves Road	Anglican Church Road	Dead End	563	4.0	800	450	\$ 9,460	--	2024					9,636																	-	
Tysick Road	Bathurst Upper 4th Concession	Brooke Valley Road	1325	6.0	1200	1590	\$ 33,365	2023	-2023	-																					-	
Upper Scotch Line Road	Menzies Munro Side Road	Dead End	2699	5.2	1000	2699	\$ 56,688	2021	2033	12	20,000	2032																27,200			Ditching/Rock Ex	
			1,831.87									Construction/Upgrade	44,720	34,020	72,800	65,600	51,000	43,400	12,800	75,200	47,600									0		
												Maintenance	354,299	354,889	375,255	385,745	401,523	467,621	495,554	446,862	450,425	421,365										
												399,019	388,909	448,055	459,345	452,523	511,021	508,354	526,062	498,025	421,365											
												Maintenance Gravel Budget	335,000	348,400	361,800	375,200	388,600	402,000	415,400	428,800	442,200	455,600	469,000									
Potential Funding:																																
Development Charges (10% of Construction)																																
Maintenance Gravel Budget (will form part of Road Construction Reserve)													399,019	388,909	448,055	459,345	452,523	511,021	508,354	526,062	498,025	421,365										
Total													399,019	388,909	448,055	459,345	452,523	511,021	508,354	526,062	498,025	421,365										

<b>TAY VALLEY TOWNSHIP</b>		<b>*ANNUAL REVIEW OF RECOMMENDED PROJECTS AND AS SUCH WORK/AMOUNTS ARE SUBJECT TO CHANGE*</b>										
<b>10 YEAR CAPITAL PLAN</b>												
<b>2023 TO 2033</b>		Inflation =	4%									
		0	1	2	3	4	5	6	7	8	9	10
<b>BUILDINGS</b>		2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
<b>Year Aquired</b>												
1973	Bathurst Garage	0	45,386	112,162	806	13,920	16,560	10,044	5,376	0	29,621	0
1995	Bathurst Sand Shed	0	17,597	7,906	0	3,480	31,560	0	0	1,346	0	131,376
1973	Burgess Garage	0	126,728	109,296	0	0	132,120	148,800	0	19,855	0	10,080
1973	Burgess Hall	0	14,851	93,973	30,240	18,653	36,000	5,952	9,984	19,008	18,850	65,604
2009	Burgess Sand Dome	0	3,120	6,480	0	0	2,880	0	0	96,386	13,600	0
2013	Glen Tay ReUse Center	5,400	12,979	0	2,688	0	4,320	0	4,608	0	2,448	1,680
1940's	Glen Tay WS Barn	10,000										
2010	Glen Tay WS Shed	0	2,615	1,944	0	0	1,584	0	0	0	2,326	0
1973	Maberly Garage	0	31,325	46,008	22,176	0	11,520	0	0	7,920	3,427	85,680
1950's	Maberly Hall	6,000	51,168	14,023	0	62,779	32,990	28,570	30,720	4,752	26,112	135,022
1990's	Maberly Rink Storage Shed	7,200	0	2,592	4,368	0	13,457	0	0	0	33,130	4,200
2010	Maberly WS Shed	0	0	0	0	0	2,160	0	9,492	0	6,365	0
1975/2010	Municipal Office	171,780	66,477	16,848	40,320	104,539	10,800	0	5,376	9,504	247,411	2,352
2017	Stanleyville WS Shed	0	0	0	0	0	2,160	0	0	0	1,224	0
		200,380	372,245	411,232	100,598	203,371	298,111	193,366	65,556	158,772	384,513	435,994
	<b>Potential Funding:</b>											
	Reserve Funds	200,380	372,245	411,232	100,598	203,371	298,111	193,366	65,556	110,579	384,513	370,306
	Grants											
	Development Charges									48,193		65,688
	Total	200,380	372,245	411,232	100,598	203,371	298,111	193,366	65,556	110,579	384,513	370,306
	<b>CUMMULATIVE (SHORTFALL) IN RESERVES</b>	211,765	(125,260)	(499,862)	(562,366)	(726,118)	(983,026)	(1,133,541)	(1,154,532)	(1,218,763)	(1,555,074)	(1,875,250)



**TAY VALLEY TOWNSHIP**

**10 YEAR CAPITAL PLAN**

2023 TO 2033

Inflation = 4%

**WASTE**

Equipment

	Replacement Cost (at 2022/23)	Year	2023	1 2024	2 2025	3 2026	4 2027	5 2028	6 2029	7 2030	8 2031	9 2032	10 2033
Waste Compactor - GT (2023)	41,000	2038											
Additional Compactor at GTWS (possibility of refurbished)	47,500	2023	47,500										
Waste Compactor - GT (2011)	41,000	2031									54,120		
Waste Compactor - SV (2005)	41,000	2030								52,480			
Waste Compactor - Mab (2003)	41,000	2028						49,200					
Sea Container	9,000	2038											
Sea Container <i>*for re-use centre large furniture items</i>	9,000	2023	9,000										

Other

Waste Site new wells <i>*provisional - as needed basis</i>	10,000	2023	10,000										
Waste Site Glen Tay trees <i>*possible replace/moving</i>	5,000	2023	5,000										
Establishing E. Limit of WE and placement of Final Cover along Harper Road	30,000	2023	30,000										
Operations Layout for Waste Sites	40,000	2024/25		10,400	32,800								

	314,500		101,500	10,400	32,800	0	0	49,200	0	52,480	54,120	0	0
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**Potential Funding:**

Reserves - Waste			46,500	0	0	0	0	49,200	0	52,480	54,120	0	0
Reserves - Contingency			50,250	10,400	32,800								
Development Charges			4,750	0	0	0	0	0	0	0	0	0	0
<b>Total</b>			<b>101,500</b>	<b>10,400</b>	<b>32,800</b>	<b>0</b>	<b>0</b>	<b>49,200</b>	<b>0</b>	<b>52,480</b>	<b>54,120</b>	<b>0</b>	<b>0</b>

**CUMMULATIVE (SHORTFALL) IN RESERVES**

	5,400	10,786	16,387	22,213	28,272	(14,627)	(8,074)	(53,739)	(100,771)	(93,400)	(85,734)
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# 10-Year Capital Plan

10 YEAR CAPITAL PLAN  
2023 TO 2033

Inflation = 4%

	Replacement		2023	1 2024	2 2025	3 2026	4 2027	5 2028	6 2029	7 2030	8 2031	9 2032	10 2033	
	Cost (at 2022/23)	Year												
<b>Recreation Assets</b>														
Burgess Hall, Garage, Ballfield	100,000	2027					116,000							"true" ball field: backstop, in field ground work, fencing, lighting, bleachers, signage, parking
O'Neil/Stalleyville Park	40,000	2026			44,800									name signage, kiosk, picnic table, fencing
Forest Trail Park	231,947	2044												
Black Lake Water Access Point	150,000	2029						62,000	64,000	66,000				parks plan consultant (2029), implement plan (2030/31): paths & clearing, dock, picnic tables, kiosk, name sign, bike rack, garbage can, parking lot
Maberly Community Park & Tennis Court	144,000	2043	20,000											
Maberly Hall & Garage	50,000	2026			56,000									parks plan - for land behind Maberly Hall
Maberly Rink	100,000	2034												
Little Silver Lake	50,000	2032									68,000			fill for parking, signage, etc.
Noonan Access Point	25,000	2024		26,000										name signage, kiosk, bike rack, picnic table, road work/parking
Glen Tay Swimming Area	28,392	2042	2,500											
John Miller Park	7,032	2041												
Fallbrooke Playground & Ball Field	75,000	2028					90,000							"true" ball field: backstop, in field ground work, fencing, bleachers, signage, parking
Mississippi Water Access Point	25,000	2025			27,000									name signage, kiosk, bike rack, picnic table, road work/parking
Maberly Fall River Park	22,624	2041												
Farren Lake	50,000	2033											70,000	
Otty Lake Boat Launch	10,000	2023	10,000											
Parks Plan - land behind Maberly Hall	30,000	2026				33,600								undertake a parks plan for the land behind Maberly Community Hall
			32,500	26,000	27,000	134,400	116,000	90,000	62,000	64,000	66,000	68,000	70,000	
<b>Funding:</b>														
Reserves - Recreation Capital	20,000		20,000	24,940	25,940	106,400	113,353	87,353	31,000	64,000	66,000	68,000	70,000	
Parkland	12,500													
Development Charges	-			1,060	1,060	28,000	2,647	2,647	31,000					
Total			32,500	26,000	27,000	134,400	116,000	90,000	62,000	64,000	66,000	68,000	70,000	
<b>CUMMULATIVE (SHORTFALL) IN RESERVES</b>			197,284	216,861	237,217	178,966	115,688	80,412	103,573	95,900	88,480	81,404	74,764	

TAY VALLEY TOWNSHIP														
10 YEAR CAPITAL PLAN														
2023 TO 2033														
		Inflation =		4%										
		Repair/Replacement		0	1	2	3	4	5	6	7	8	9	10
Other Assets		Cost (at 2022)	Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
<b>IT Assets</b>														
	Server Replacement	68,000	2023	68,000										
	Computer Server 1 (shared)	60,000	2029							74,400				
	Computer Work Stations	39,000	2027					45,240						
	Livestreaming	20,000	2024		20,800									
	Phone System	25,000	2023	25,000										35,000
	Fall River Room - IT upgrade	15,000	2027					17,400						
	Website Upgrade	20,000	2026				22,400							
<b>Office Equipment</b>														
	Office Furniture	10,000	2023	10,000	10,400									
<b>OTHER</b>														
	Official Plan (every 5 years)	60,000	2027					69,600					81,600	
	Official Plan Review - comprehensive growth management	35,000	2023	35,000										
	Comprehensive Zoning By-Law Review (after the OP)	50,000	2024	25,000	27,000					62,000				
	Development Charge Study (every 5 years)	40,000	2024		41,600					49,600				
	Election (every 4 years)	40,000	2026				44,800				51,200			
	Strategic Plan (after each election)	15,000	2027					17,400				19,800		
	Functional Assessment of Public Works Depts	40,000	2026				44,800							
	AMP - July 2022 deadline	7,376	2023	7,376										
	AMP Continuation - portion not funded by grant	18,500	2023	18,500										
	AMP Continuation - July 2025 compliant	25,000	2024/25		6,500	20,500								
	Economic Development & Tourism Action Plan	50,000	2024		52,000									
	Building Condition Assessments	30,000	2027/28					8,700	27,300					
	ARO (Asset Retirement Obligations)	35,000	2024		36,400									
	Budgeting Software	35,000	2026				39,200							
	Entrance Signs to the Township (design & production)	20,000	2025			21,600								
				188,876	194,700	42,100	151,200	158,340	27,300	186,000	51,200	19,800	81,600	35,000
<b>Funding:</b>														
	Reserve Funds			79,626	146,350	42,100	151,200	158,340	27,300	186,000	51,200	19,800	81,600	35,000
	Contingency			103,000										
	Grant													
	Development Charges			6,250	48,350									
	<b>Total</b>			<b>188,876</b>	<b>194,700</b>	<b>42,100</b>	<b>151,200</b>	<b>158,340</b>	<b>27,300</b>	<b>186,000</b>	<b>51,200</b>	<b>19,800</b>	<b>81,600</b>	<b>35,000</b>
	<b>CUMMULATIVE (SHORTFALL) IN RESERVES</b>			78,450	8,420	45,692	(22,961)	(95,452)	(33,469)	(126,615)	(81,247)	(616)	103,833	212,459