



BURNSIDE

# Town of Grand Valley 2025 Asset Management Plan



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# Agenda

- Asset Management Plan Requirement
- Project Outline
- State of Local Infrastructure
- Levels of Service
- Asset Strategy
- Financial Strategy
- Recommendations
- Questions

# Asset Management Requirement

- Applying for Provincial Funding
  - Plans are now part of grant applications
- Federal Gas Tax Agreement
  - Require asset management plan with identified priority projects
- Development Charges Act
  - Consideration for the municipality in the future
- Bill 6 Infrastructure for Jobs Prosperity Act
  - Makes asset management planning a requirement
  - Regulation 588/17 (Dec. 2017, and Amendment 2021)

# Asset Management Internal Benefits

- Great tool for Infrastructure planning
  - Tie to budget & capital forecast, other strategic planning documents
  - Long term financial plan
- A living document:
  - Only useful if it is kept up to date
  - Reg 588/17 next required update for all Town assets July 1, 2030.
  - Update to Asset Management Strategy Policy

# State of Local Infrastructure

- Good data is key
- Asset inventory based on municipality's data as well as Town Staff input
- Asset conditions were obtained from the following:
  - Road Study(2022)
  - Bridge Inspections (2023 and 2025)
  - Town Non-Core Asset Data (2024)
  - Town 2024 Development Charges Report
  - Town Staff

# Town Asset Summary

## Tax Supported

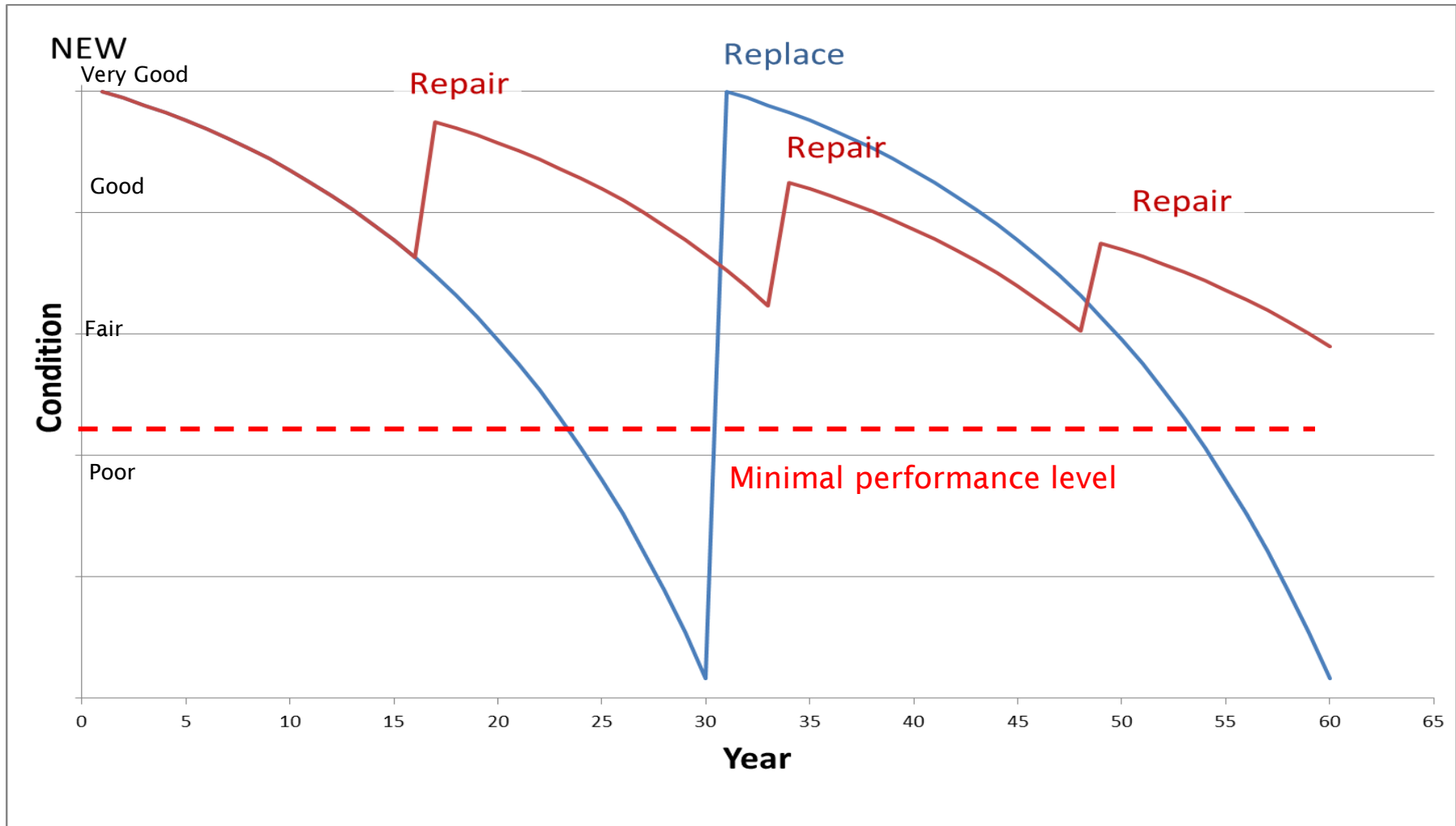
- Good Condition (weighted average)
- \$226.3 million replacement cost
- Useful Life 60 years (weighted average)
- 34 years Remaining Life (weighted average)
- Moderate (1.7) Risk

Asset Type	Condition (weighted average)	Risk (weighted average)	Useful Life (UL) - Weighted Average	Remaining Service Life (RSL) - Weighted Average	RSL as a % of UL
Road Base	N/A	Low	60	N/A	N/A
Road Surface Asphalt	Good	Low	25	11	44%
Road Surface Gravel	N/A	Low	5	N/A	N/A
Bridges & Culverts	Good	Moderate	72	30	41%
Roadway Assets	Good	Low	48	29	60%
Storm Mains	Good	Low	99	77	78%
Catch Basins	N/A	Moderate	100	69	69%
Storm Manholes	Good	Low	100	81	81%
Cross Road Culverts	Average	Moderate	50	24	48%
Discharge Point	Good	Low	85	63	74%
Underground Enclosures	Poor	Moderate	100	44	44%
Storm Ponds	Good	Low	100	84	84%
Facilities & Components	Good	Moderate	71	39	55%
Land Improvements	Good	Low	41	29	71%
Vehicles	Good	Moderate	17	9	53%
Equipment	Good	Moderate	14	8	57%
Software & Hardware	Good	Moderate	14	9	64%

# Levels of Service

- Levels of Service (LOS) Requirements:
  - Performance measures, targets and timeframes illustrating defined levels of service;
  - External trends or issues that may affect desired levels of service or the municipality's ability to meet them; and
  - Show current performance relative to established targets
- Compare: Current LOS to Expected LOS
- Typically describes
  - How much effort to maintain service levels
  - Minimum acceptable service levels
  - What are the risks of not maintaining service levels
  - How frequently action needs to be taken to maintain service levels

# Levels of Service



# Asset Management Strategy

- Recommended actions (i.e. long term forecast) to move towards a sustainable position while delivering expected levels of service in a cost effective manner
  - Non-infrastructure solutions & Maintenance activities
  - Renewal/rehabilitation activities
  - Replacement activities
  - Expansion activities
- Strategy Analysis
- Risk Assessment

# Risk / Criticality Ratings

**Risk of Asset Failure = Probability of Failure X Consequence of Failure**

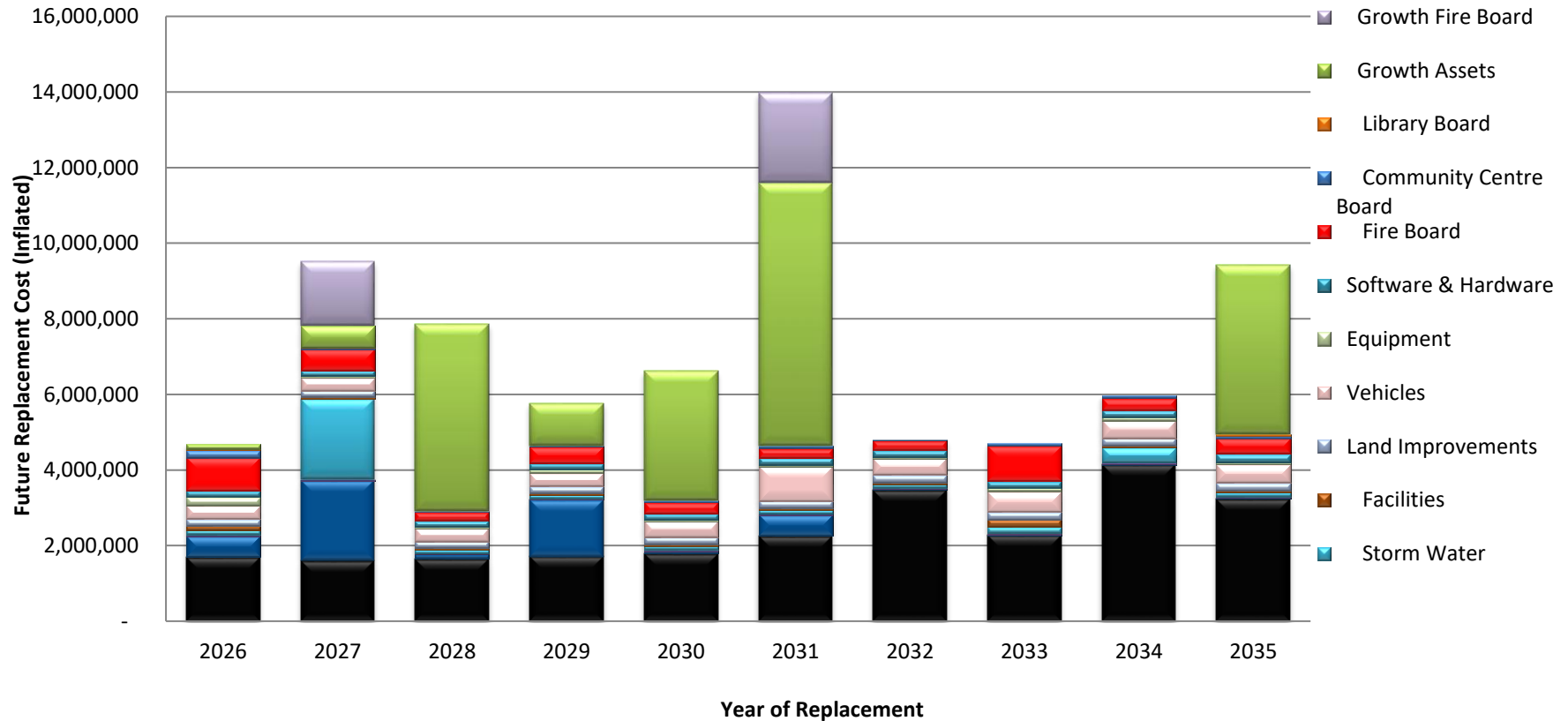
	Cost	Social	Environmental	Service Delivery
Significant	Significant Cost – Difficult to Recover	Death, Serious Injury	Long-term Impact – Permanent	Major Interruptions
Major	Substantial Cost – Multi-year Budget Impacts	Major Injury	Long-term Impact – Fixable	Significant Interruptions
Moderate	Considerable Cost – Requires Revisions to Budget	Moderate Injury	Medium-term Impact – Fixable	Moderate Interruptions
Minor	Small/Minor Cost – within Budget Allocations	Minor Injury	Short-term/Minor Impact – Fixable	Minor Interruptions
Insignificant	Negligible or Insignificant Cost	No Injury	No Impact	No Interruptions

Probability of Failure	Consequence of Failure				
	Significant	Major	Moderate	Minor	Insignificant
Almost Certain	E	E	H	H	M
Likely	E	H	H	M	M
Possible	H	H	M	M	L
Unlikely	H	M	M	L	L
Rare	M	M	L	L	L

# Asset Management Strategy

**\$73.3 million needs  
over 10 years**

**Tax Supported Assets Inflated (2026-2035)**



# Financing Strategy

- Historical Asset Capital Investment

Funding Type - Tax Supported Assets	2022	2025
Canada Community Building Fund (Federal Gas Tax)	93,750	126,121
OCIF Funding	239,926	348,900
Hydro Dividend	-	25,000
Capital Levy	-	75,000
Transfer from Operations	400,000	580,000
<b>Total Asset Investment - Capital (Sustainable)</b>	<b>733,676</b>	<b>1,155,021</b>

\* Excludes the OMPF grant as it is operating in nature.

\*\* Excludes the use of debt and existing reserve balances.

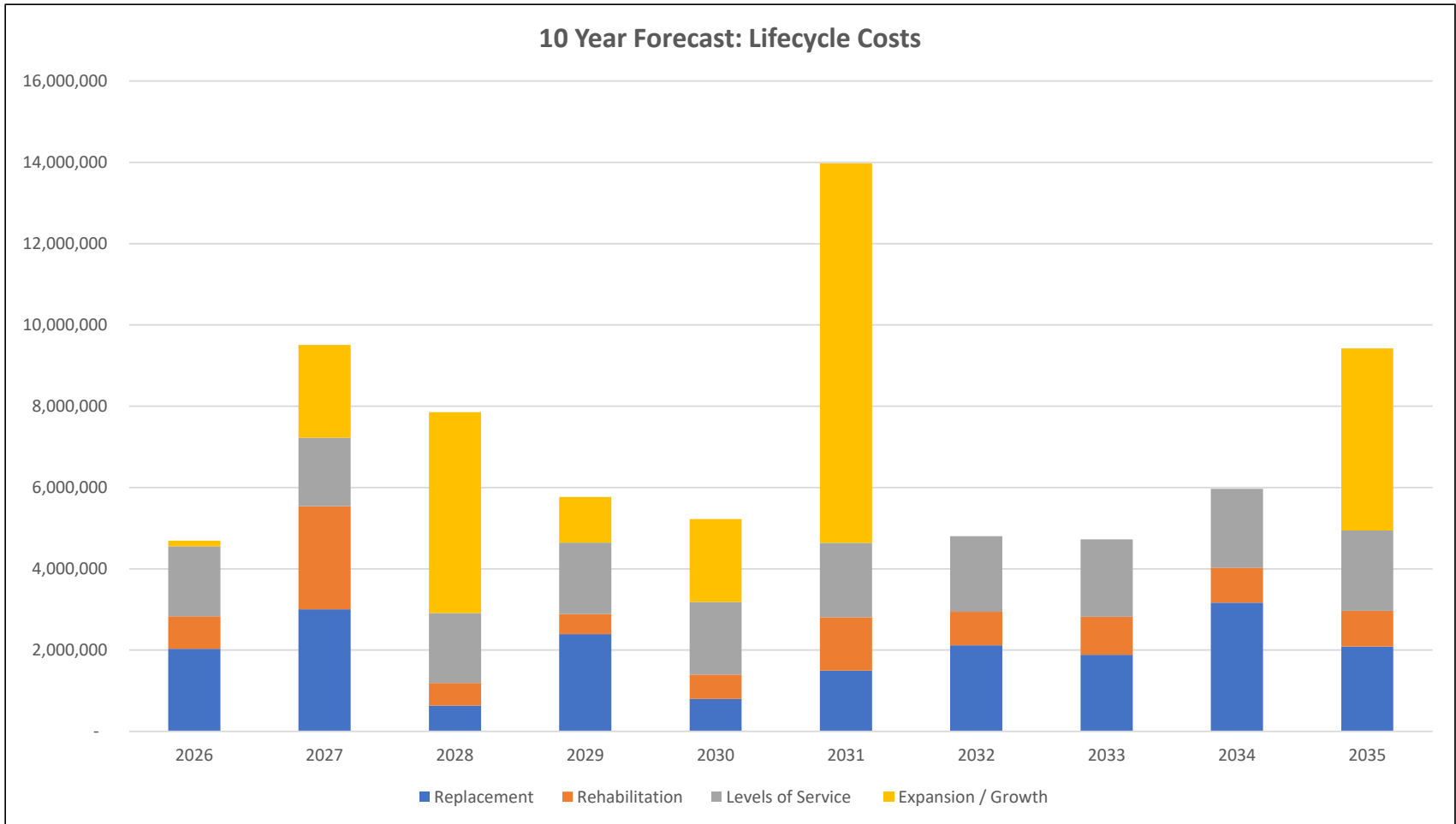
# Financing Strategy

Tax Supported Assets	Replacement Cost	Weighted Average Useful Life	Annual Replacement Investment (2025)
Road Base**	126,469,020	60	95,000
Road Surface Asphalt	12,110,081	25	484,400
Road Surface Gravel	2,361,819	5	472,400
Bridges & Culverts	27,652,000	72	384,100
Roadway Assets	5,060,727	48	105,400
Storm Mains	10,526,578	99	106,300
Catch Basins	2,504,500	100	25,000
Storm Manholes	2,192,000	100	21,900
Cross Road Culverts	2,519,055	50	50,400
Discharge Point	347,000	86	4,000
Underground Enclosures	10,000	100	100
Storm Ponds	655,000	100	6,600
Municipal Drains			n/a
Facilities & Components	20,134,500	71	283,600
Land Improvements	3,534,596	39	90,600
Vehicles	7,624,500	17	448,500
Equipment	2,139,106	14	152,800
Software & Hardware	467,940	14	33,400
<b>Total</b>	<b>226,308,422</b>		<b>2,764,500</b>

\*\* Road Base annual investment for maintenance only.

# Financing Strategy

## Tax Supported Assets



# Financing Strategy

- Contributions to Reserves and Use of Grants

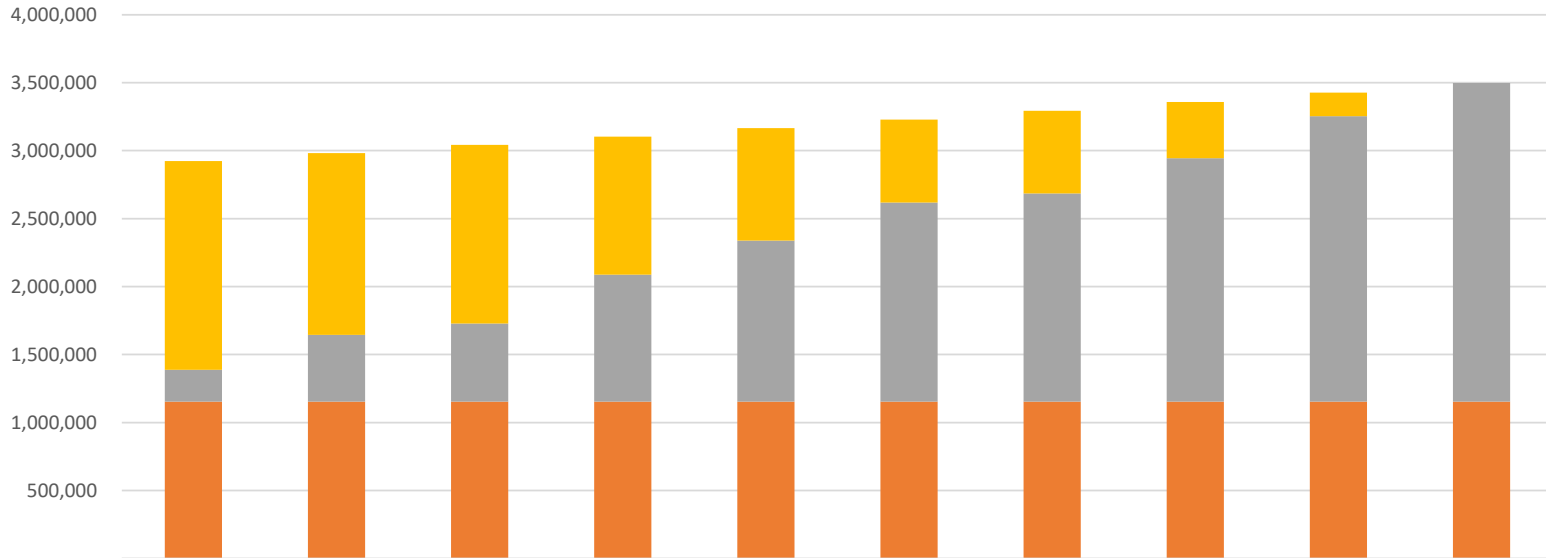
Funding Type - Tax Supported Assets	Forecast									
	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Transfer to Reserves for Asset Management	181,933	431,660	512,222	869,804	1,118,091	1,396,022	1,459,274	1,717,678	2,023,630	2,265,562
<b>Total</b>	<b>181,933</b>	<b>431,660</b>	<b>512,222</b>	<b>869,804</b>	<b>1,118,091</b>	<b>1,396,022</b>	<b>1,459,274</b>	<b>1,717,678</b>	<b>2,023,630</b>	<b>2,265,562</b>
Canada Community Building Fund (Gas Tax)	126,121	131,166	131,166	131,166	131,166	131,166	131,166	131,166	131,166	131,166
OCIF Funding	296,678	296,678	296,678	296,678	296,678	296,678	296,678	296,678	296,678	296,678
Hydro Dividend	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Capital Levy	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000
Transfer from Operations	580,000	580,000	580,000	580,000	580,000	580,000	580,000	580,000	580,000	580,000
<b>Total Asset Investment</b>	<b>1,284,732</b>	<b>1,539,504</b>	<b>1,620,066</b>	<b>1,977,648</b>	<b>2,225,935</b>	<b>2,503,866</b>	<b>2,567,118</b>	<b>2,825,522</b>	<b>3,131,474</b>	<b>3,373,406</b>

- Increase in Funding Summary:

Increase in Funding	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Increase (Decrease) in Transfers to Reserves	181,933	249,726	80,562	357,582	248,287	277,931	63,252	258,404	305,952	241,932
Increase (Decrease) in Operating - LOS	104,300	2,100	2,100	2,200	2,200	2,300	2,300	2,400	2,400	2,400
Increase (Decrease) in Operating - Debt	240,730	36,357	219,930	(42,060)	83,121	-	228,690	48,150	16,050	96,290
<b>Total Impact on Annual Tax Supported Budget</b>	<b>526,963</b>	<b>288,183</b>	<b>302,592</b>	<b>317,722</b>	<b>333,608</b>	<b>280,231</b>	<b>294,242</b>	<b>308,954</b>	<b>324,402</b>	<b>340,622</b>
Estimated Taxation Impact: 1% in 2025 = \$52,278	<b>9.60%</b>	<b>5.00%</b>	<b>5.00%</b>	<b>5.00%</b>	<b>5.00%</b>	<b>4.00%</b>	<b>4.00%</b>	<b>4.00%</b>	<b>4.00%</b>	<b>4.00%</b>

# Financing Strategy

Annual Asset Investment & Funding Gap

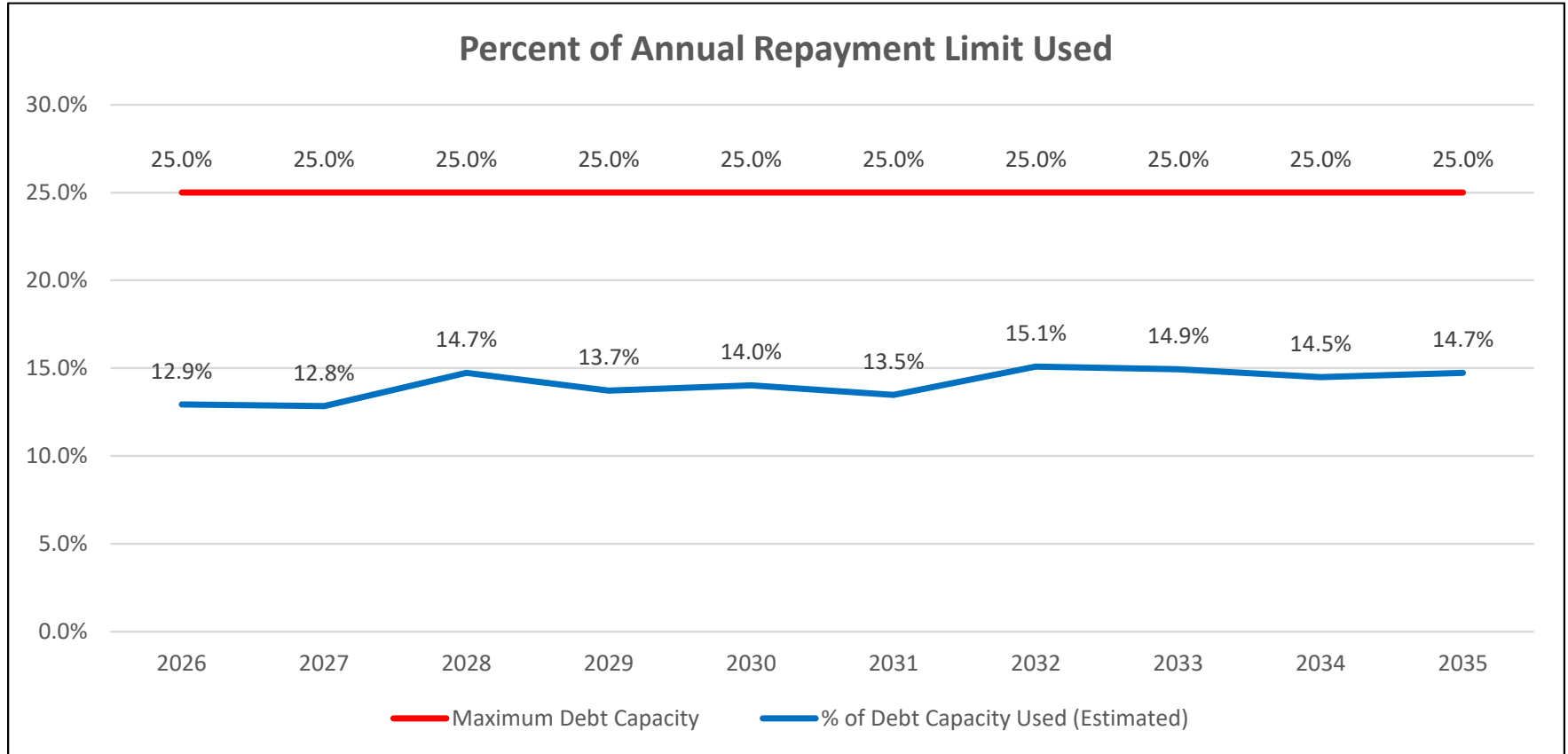


	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Annual Funding Gap	1,535,058	1,336,686	1,313,644	1,014,732	826,295	609,404	608,422	413,528	172,356	-
Recommended Increase in Asset Investment	234,011	490,883	573,545	933,327	1,183,814	1,464,045	1,529,597	1,790,401	2,098,753	2,343,085
2024 Asset Investment	1,155,021	1,155,021	1,155,021	1,155,021	1,155,021	1,155,021	1,155,021	1,155,021	1,155,021	1,155,021

■ 2024 Asset Investment    
 ■ Recommended Increase in Asset Investment    
 ■ Annual Funding Gap

# Financing Strategy

- Debt Capacity



# Recommendations

- That Council receive and approve the 2025 Town of Grand Valley Asset Management Plan;
- That Council consider the 2025 Asset Management Plan during annual budget deliberations;
- That the Plan be updated as required and as Town's priorities change.

# Questions



**For more information please contact:**

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