

ASSET MANAGEMENT PLAN 2013



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OVERVIEW

The Plan has been designed to conform to the Provincial
“Building Together: Guide for Municipal Asset Management Plans.”

Asset management planning is the process of making the best possible decisions regarding the building, operating, maintaining, renewing, replacing and disposing of infrastructure assets. The objective is to maximize benefits, manage risk and provide satisfactory levels of service in a sustainable manner.



Asset Information Origins

The Municipality documents infrastructure assets in different formats ranging from hard copies and excel spreadsheets to enterprise systems. The major data storage system is Geodatabase which is the geographic representation of the Municipality's underground infrastructure and it is updated in a monthly basis.



The Geodatabase collection started approximately four years ago and since January 2013, the Municipality's staff has been working hard compiling the data to create the Asset Management Plan. This is a live document that will be updated annually.

1. STATE OF LOCAL INFRASTRUCTURE

Tax Supported Assets (\$288.1 million)

- Transportation Network (roads, sidewalks, bridges/culverts, street lights)
- Buildings
- Land Improvements (recreation areas, paved structures, parking areas)
- Fleet and Equipment
- Stormwater System

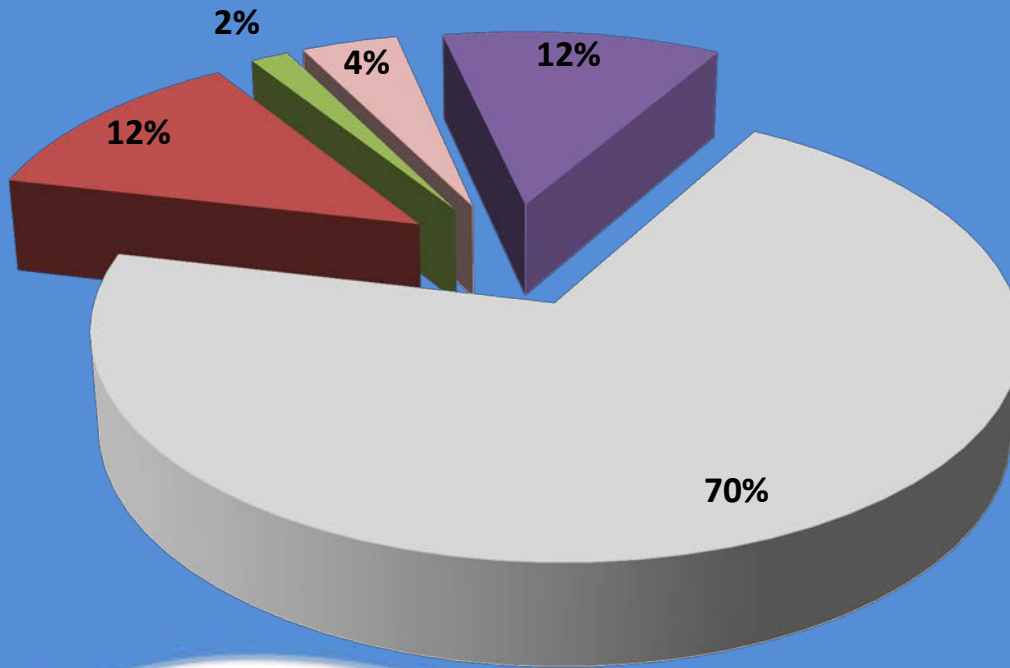
User Rate Supported Assets (\$151.5 million)

- Water Infrastructure
- Wastewater Infrastructure



Tax Supported Assets

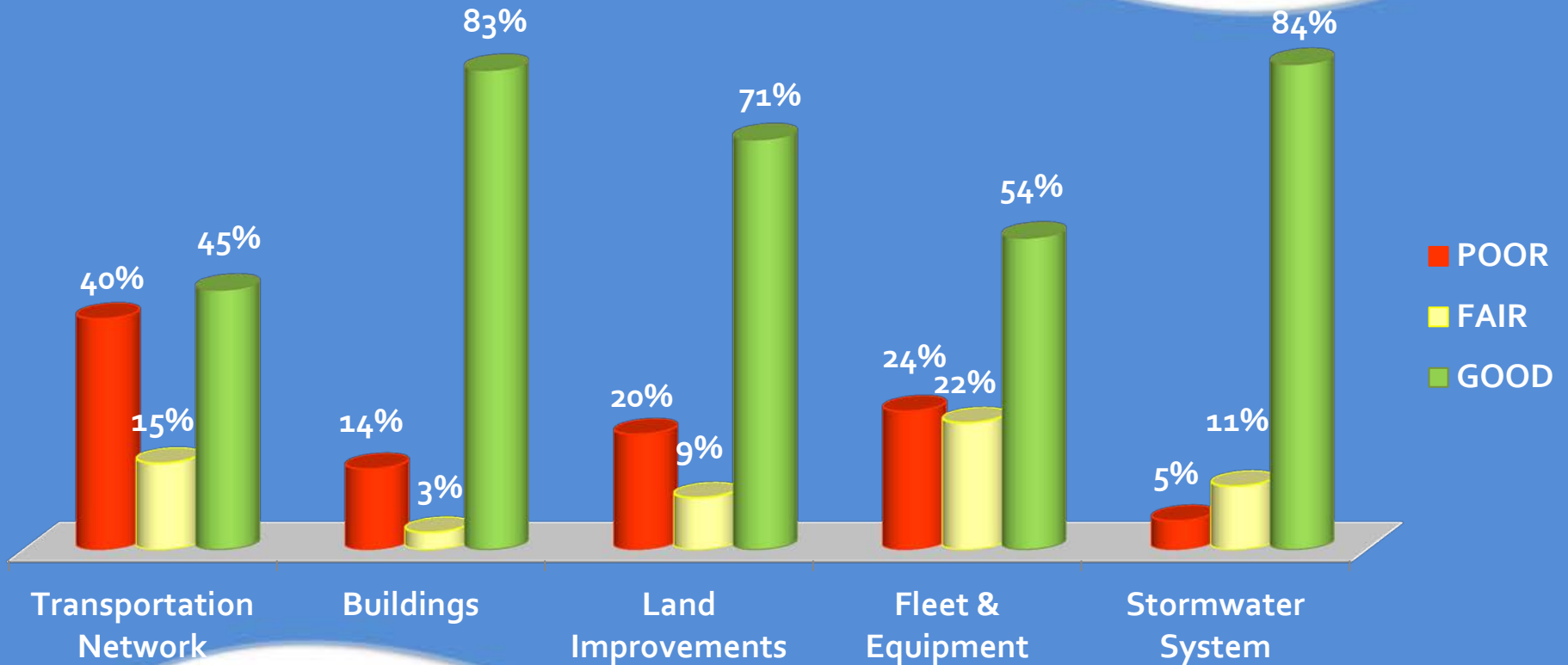
Total Replacement Cost: \$288.1 million



- TRANSPORTATION NETWORK (\$202.59 million)
- BUILDINGS (\$35.54 million)
- LAND IMPROVEMENTS (\$4.62 million)
- FLEET & EQUIPMENT (\$11.62 million)
- STORMWATER SYSTEM (\$33.75 million)

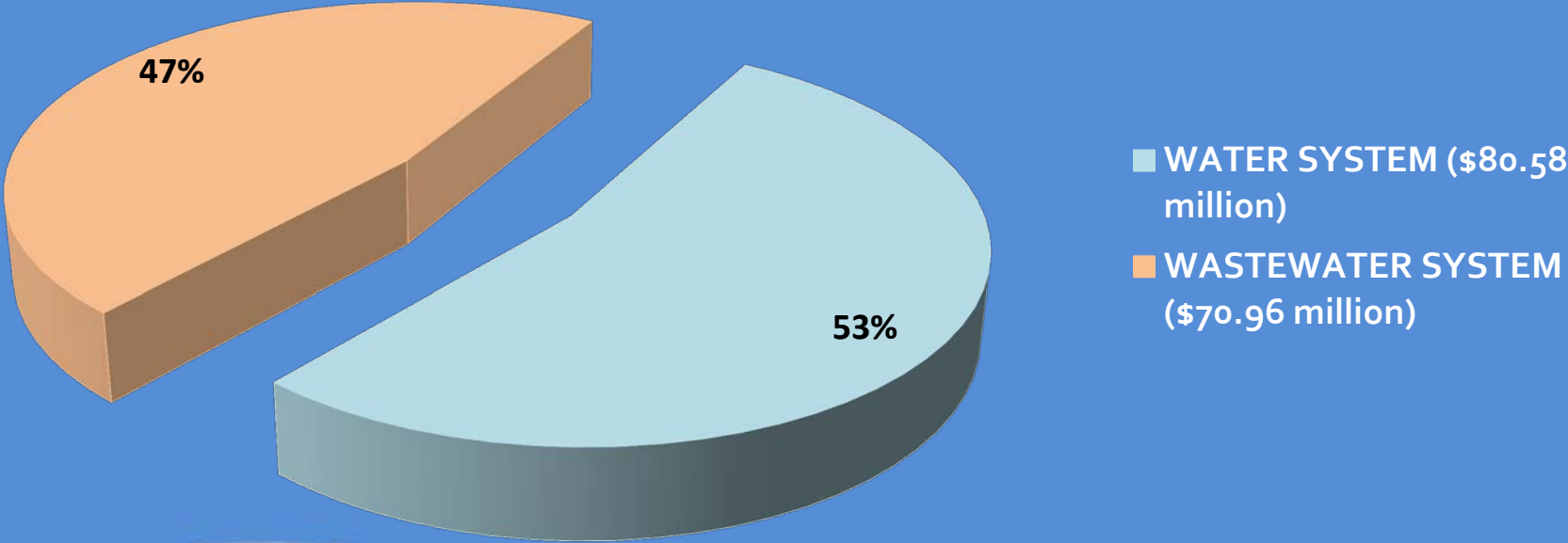
Tax Supported Assets

Condition



User Rate Supported Assets

Total Replacement Cost: \$151.5 million



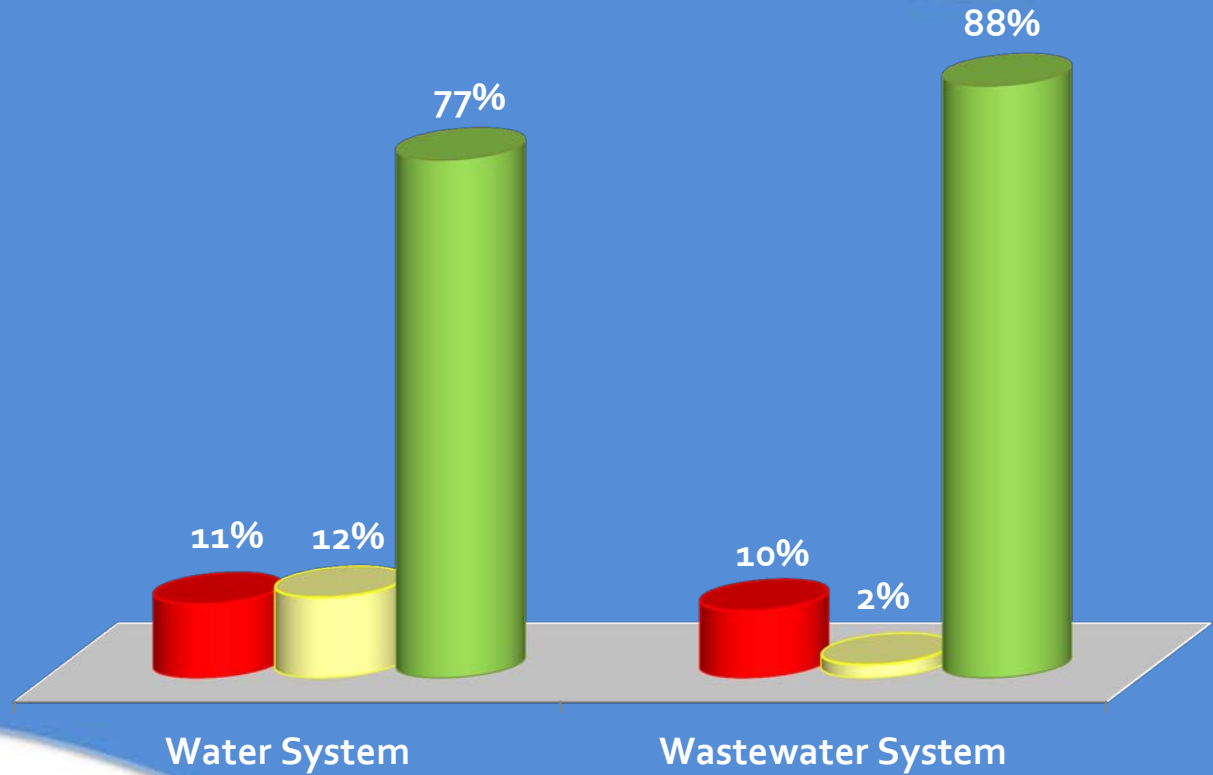
User Rate Supported Assets

Condition

■ POOR

■ FAIR

■ GOOD



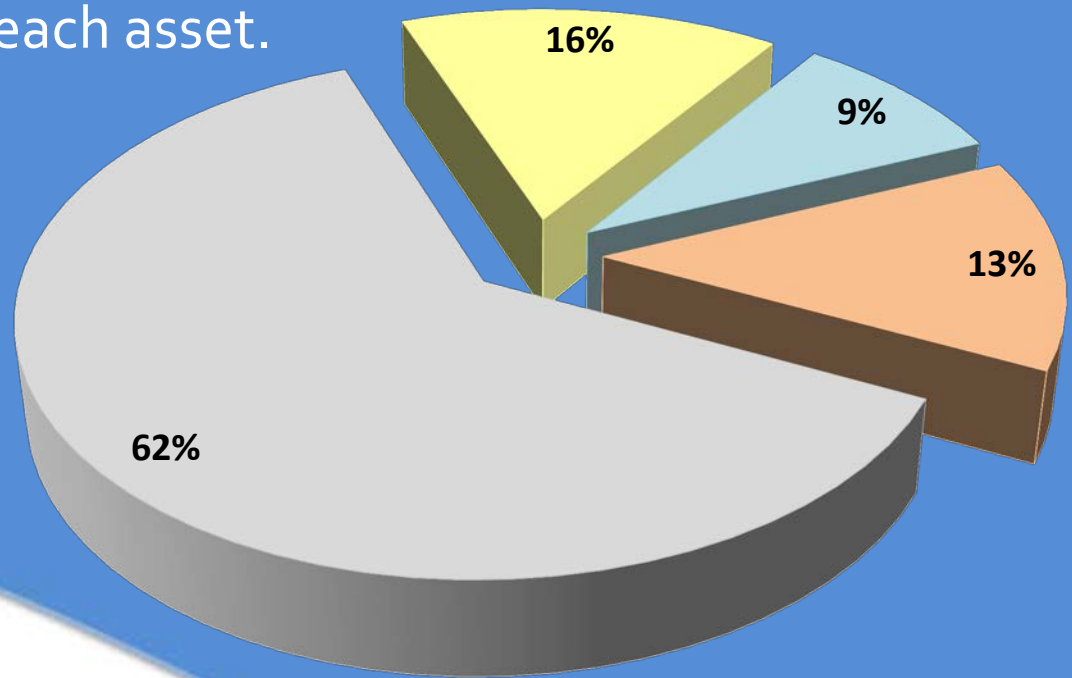
2. DESIRED LEVEL OF SERVICE

KEY INDICATOR	TARGET
Percentage of winter events where the response met or exceed locally determined municipal service levels for road maintenance	100%
Number of Bridges and Culverts where the condition of the primary components is rated good to very good, requiring only maintenance	60% or greater
Number of paved lane kilometers where the condition is rated as good to very good	50% of greater
Number of wastewater main backups per 100km of wastewater main in a year	1.5
Number of water main breaks per 100km of distribution/transmission pipe in a year	3
Unaccounted for Water	25%

3. ASSET MANAGEMENT STRATEGY

As of 2013 the Municipality had approximately \$48.76 million in assets “overdue” for replacement based solely on remaining useful life of each asset.

- WATER (\$4.36 million)
- WASTEWATER (\$6.54 million)
- TRANSPORTATION (\$30.31 million)
- OTHER ASSETS (\$7.54 million)



Calculation of Annual Reserve Contributions

The key component of the AM strategy is to identify the level of expenditure required on and an annual basis to meet repairs and maintain a good level of service.

The following are the required annual funding based on current assets and useful life:

User Rate Supported Assets

Water	→	\$1.28 million
Wastewater	→	\$1.13 million

Tax Supported Assets

Transportation	→	\$3.55 million
Other Assets	→	\$2.14 million

4. FINANCING STRATEGY

Available Funding Tools

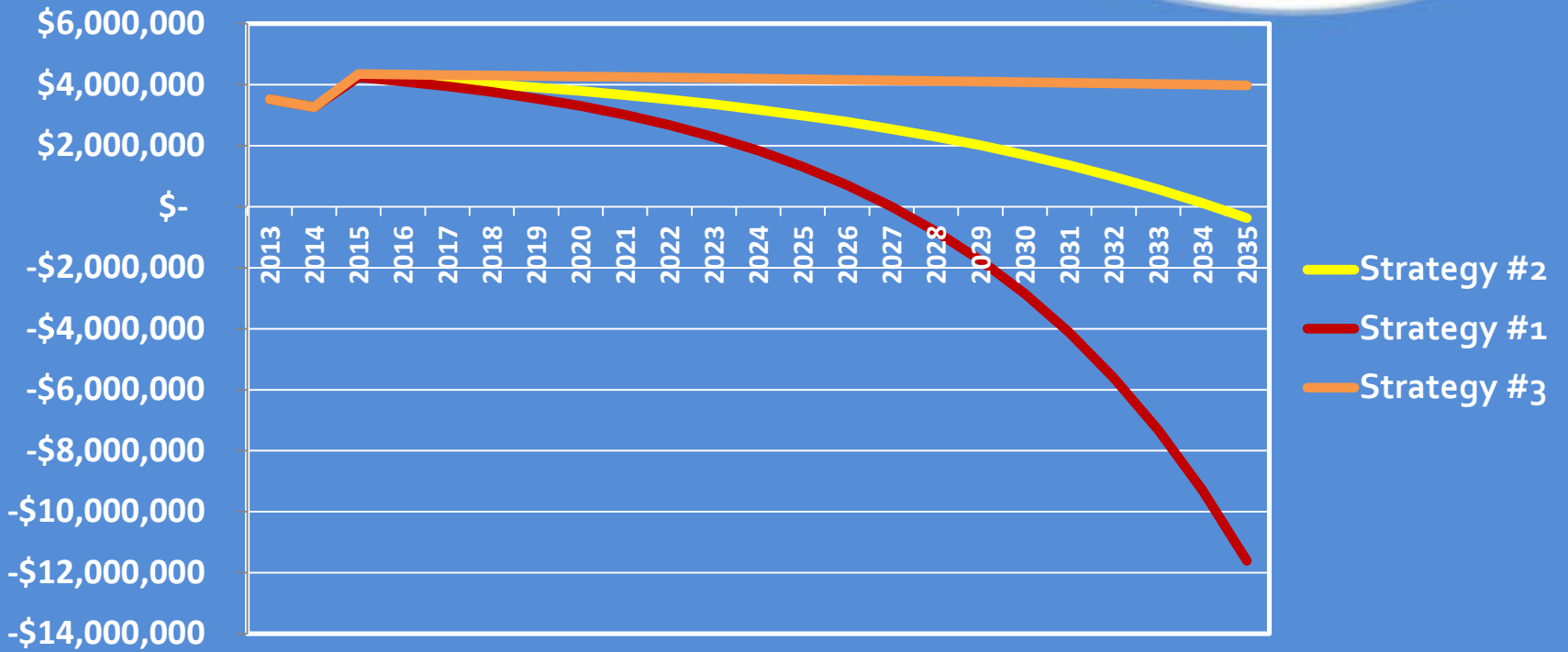
- Federal and Provincial Grants
- Development Charges
- Water and Wastewater User Rates
- Property Taxes
- User Fees
- Public Private Partnerships
- Local Improvement Charges
- Developer Contributions

Current Infrastructure Deficit

ASSET MANAGEMENT PLAN 2013

OVERDUE ASSETS	
Tax Supported	
Transportation Assets	\$30,315,605
Other Assets	\$7,543,531
Total Tax-Supported	\$37,859,135
User Rate Supported	
Water	\$4,361,540
Wastewater	\$6,548,264
Total User-Rate Supported	\$10,909,804
Total Current Requirements	\$48,768,939
Less Current Reserve Funds Available	
Tax Supported	\$106,253
User Rate Supported	\$1,170,471
	\$1,276,724
Calculated Infrastructure Deficit	\$47,492,215

Financing Strategy



Infrastructure Deficit for each Tax Rate Supported Asset Strategy

CONCLUSIONS

ASSET MANAGEMENT PLAN 2013

Key Findings

- The Municipality's infrastructure has a current replacement cost of **\$439.6 million**.
- The Municipality currently has 72% of its assets in "good" condition, 10% in "fair" condition and the remaining 18% are in "poor" condition.
- The Municipality has a calculated infrastructure deficit of **\$47.49 million**.
- The Municipality's current annual capital budgeting process has been addressing critical issues and assets in need of repairs and replacement.
 - The Municipality does have some reserve funds in place albeit limited.



QUESTIONS?

THANK YOU!