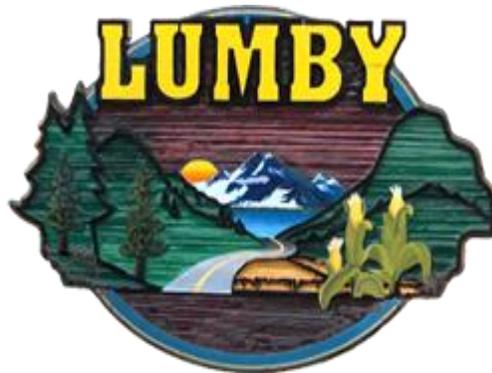


# Asset Management Overview

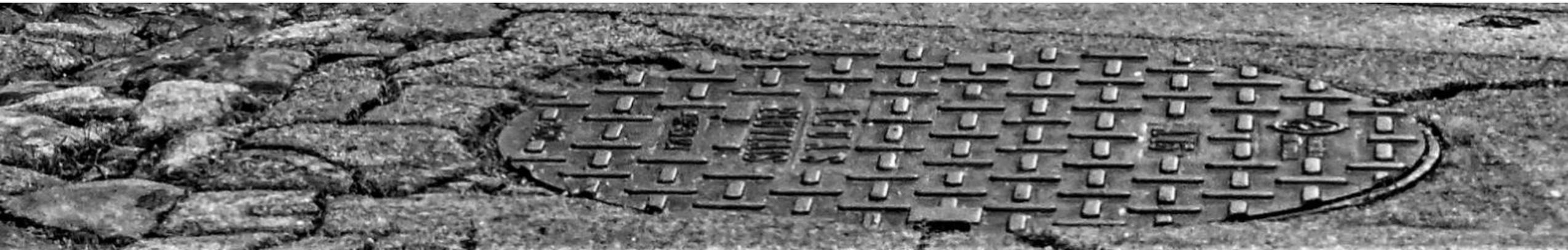
November 2023

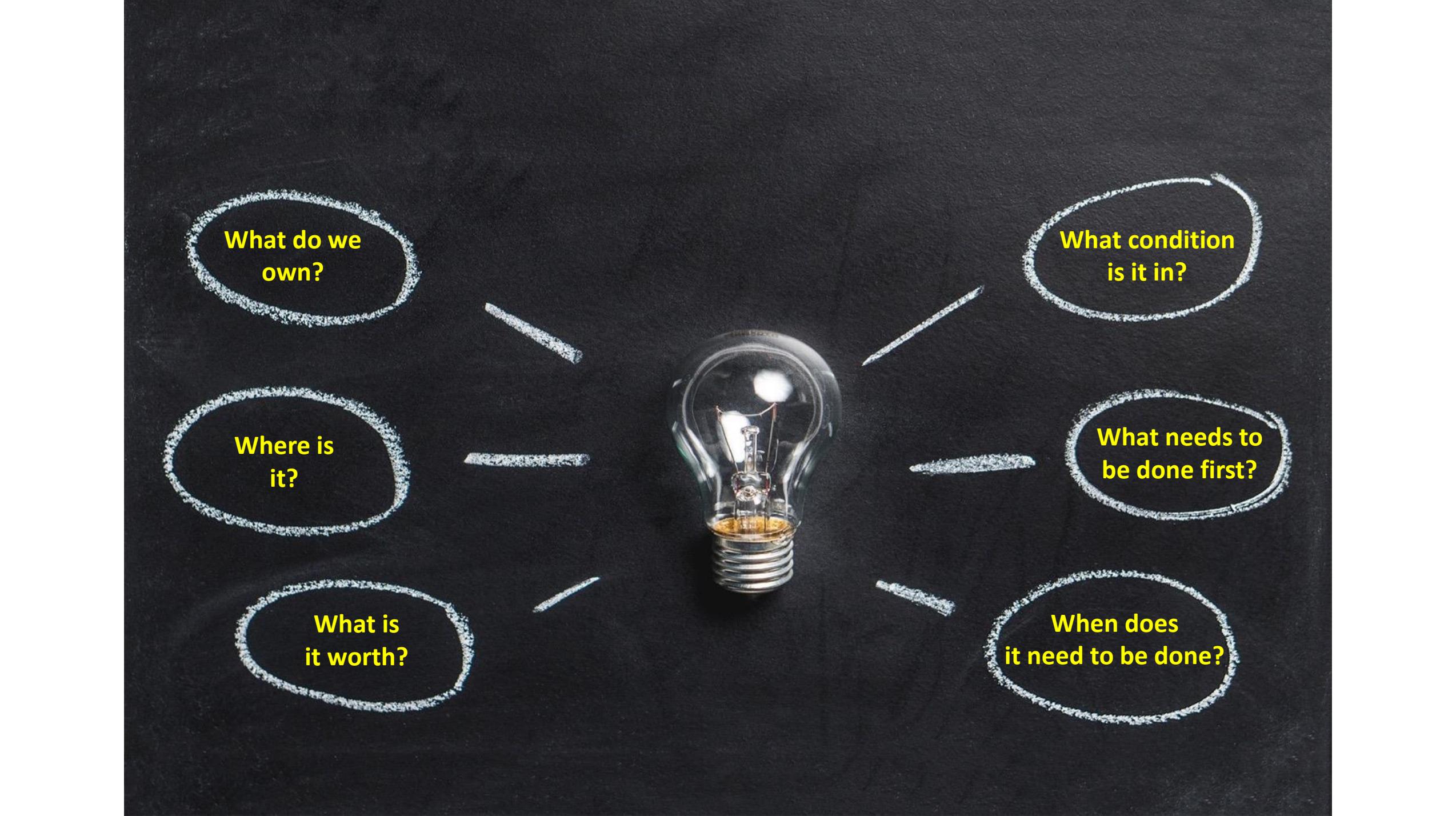
Roger Huston, Village of Lumby



# Why Asset Management?

- Aging infrastructure needs to be replaced
- Limited funding
- What to fix first?
- Need to make informed decisions





**What do we own?**

**Where is it?**

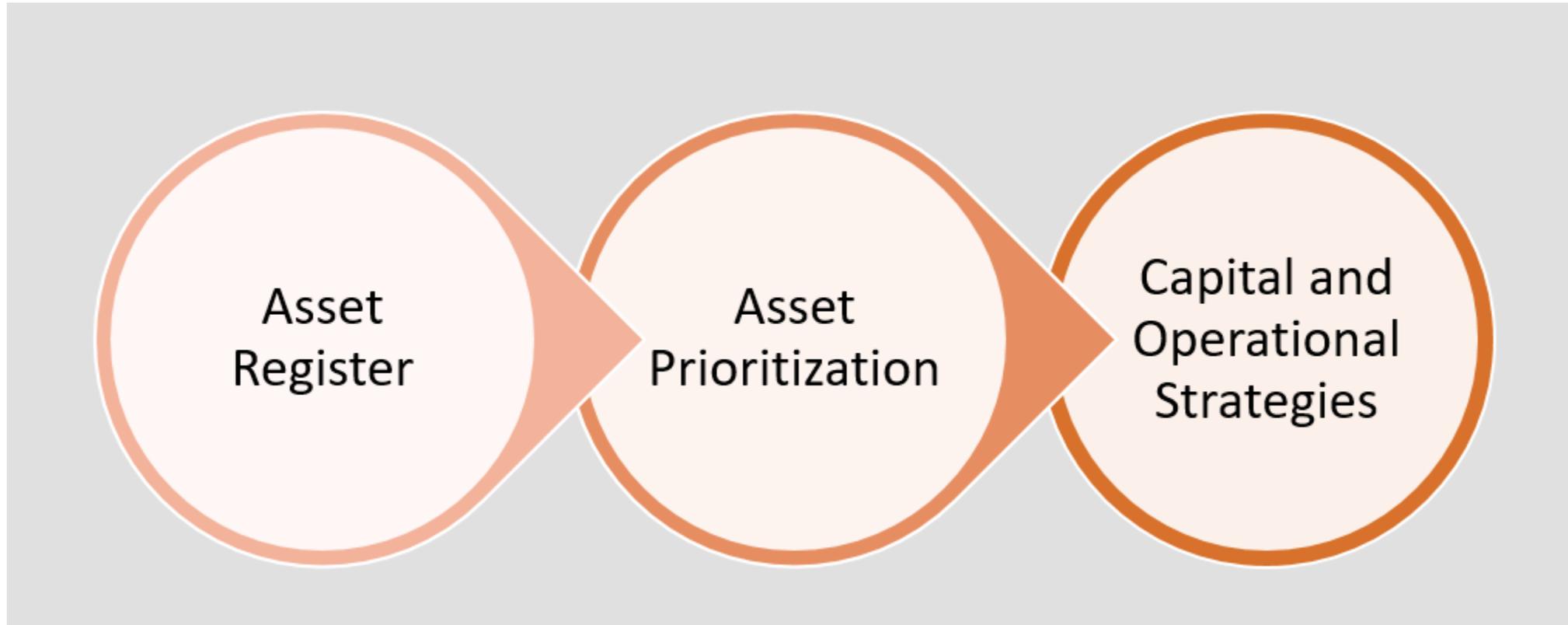
**What is it worth?**

**What condition is it in?**

**What needs to be done first?**

**When does it need to be done?**

# Three-Step Approach to Asset Management



# Asset Register (Live demo)

The screenshot displays the MyCivitas web application interface. The browser address bar shows `mycivitas.ca/community-map`. The page header includes navigation links: `MyCivitas`, `How Does MyCivitas Work?`, `Pricing`, `Our Story`, and `Documentation`. On the right side of the header, there are links for `Community Map`, `View Table`, `Dashboard`, and `Work Orders`.

The main map area shows a street grid in Lumby (LBV), including `Miller Street`, `Genier Street`, `Vernon Street`, `Unity Lane`, `Fairview Lane`, and `Shuswap Avenue`. Various utility assets are overlaid on the map, represented by colored lines and symbols (circles, squares) in red, green, and blue.

On the right side, an **Assets** panel is open, displaying details for a selected asset. The panel title is `Assets` and includes a subtitle: `This panel shows the assets that are selected in map.`

Assets	
Asset Class	Wastewater Collection
Asset Sub Class	Pipe
Type	Transmission Gravity Main
<b>Properties</b>	
Condition	Very Poor
Description	-
Label	200 AC
Brand	-
Model	-
Length	35.26
Width	-
Area	-
Diameter	200
Material	AC
Capacity	-
Install Date	1965-01-01
Inspection Date	2020-01-01
Contractor	-
<b>Life</b>	
Lifespan	65
Age	58
Remaining Years	-3
<b>Risk &amp; Failure</b>	
Risk Level	Medium
Probability of Failure	Almost Certain
Consequence of Failure	Minor
<b>Cost</b>	
Renewal Cost	CA\$15,426.25
Annual Reserve	CA\$237.33
Maintenance Cost	CA\$617.05

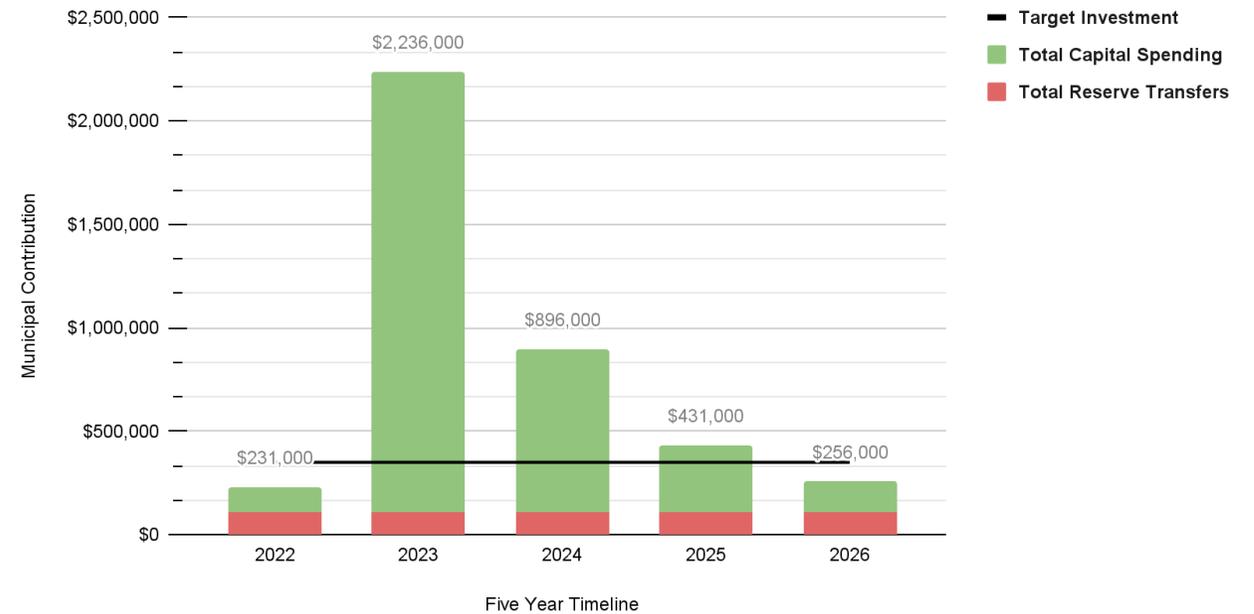
At the bottom right of the panel, it states: `Powered by Open Source` and `Developed by LandInfo Technologies Kerasa`.

# Strategy

- Capital Planning and Budget
- Operational Planning & Procedures

## Short-Term Capital Investment Plan

2022-2026, Municipal Contributions



Asset Category	100% Funded by Village	25% Funded by Village (75% Grant funded)	Existing Village Contribution	Shortfall/Surplus	Existing Balance
General Fund. (includes roads, storm, buildings, fleet, natural)	\$ 1,034,885	\$ 258,721.25	\$ 55,054	\$ - 203,667.25	\$ 2,456,053
Water	\$ 339,502.00	\$ 84, 875.00	\$ 121,393.70	\$ + 36,518.70	\$ 986,610
Sanitary Sewer	\$ 310,690.00	\$ 77,672.50	\$ 81,715.00	\$ + 4,042.50	\$ 1,180,790

Actions	Responsibility
Adopt Asset Management Policy	Council and Chief Administrative Officer
Monitor and review infrastructure standards and service levels at established intervals	Council and Chief Administrative Officer
Develop and maintain infrastructure strategies including development and service plans	Planning, Public Works maintenance departments, Finance
Develop and maintain asset inventories	Public Works, Finance
Assess infrastructure condition and service levels	Public Works and other asset operation and maintenance departments
Establish and monitor infrastructure replacement levels through the use of full life cycle costing principles	Public Works
Develop and maintain financial plans for the appropriate level of maintenance, rehabilitation, extension and decommission of assets	Public Works, Finance
Report to citizens on status of the community's infrastructure assets and asset management program. The channels may include annual citizen reports, business plans, etc	Council and Chief Administrative Officer

# Moving Forward

## Inventory

1. Data is valuable
2. Important to update

## Prioritization

1. review risk assessment

## Strategy on high priority assets

1. Risk mitigation
2. Guide Capital and Operational Planning