

## Executive Summary

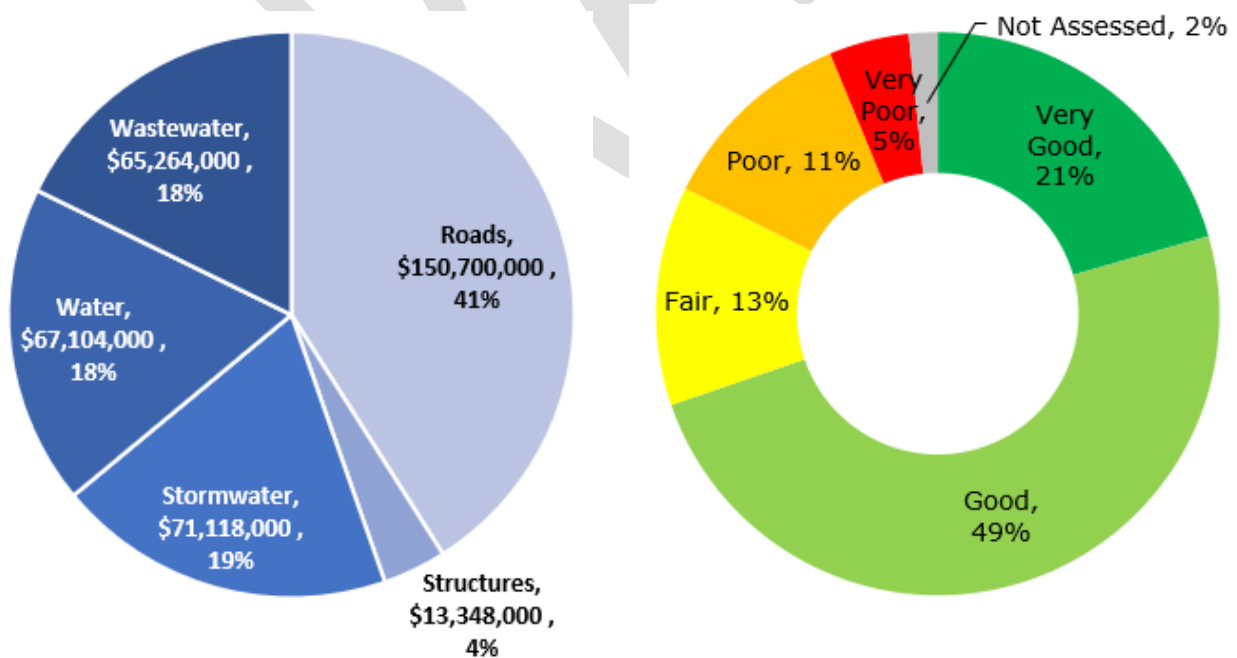
### The Purpose of the Plan

This Asset Management Plan (AMP) details information about infrastructure assets with actions required to provide an agreed level of service in the most cost-effective manner while outlining associated risks. The plan defines the services to be provided, how the services are provided and what funds are required to be provided over the 10 year planning period. The AMP will link to a Long-Term Financial Plan which typically considers a 10 year financial and work project planning period.

### State of the Infrastructure

The 2021 Core Asset Management Plan include Township-owned roads, structures (bridges and major culverts), stormwater, water (distribution and treatment), and wastewater (collection and treatment) assets.

These infrastructure assets in scope of this plan have total replacement value estimated at \$367.5 million, and 69.7% of all assets are in Good or better condition. Good condition indicates that the infrastructure is adequate for now with some elements showing general signs of deterioration that require attention. The assets that are of concern to the Township are the assets listed in Poor or Very Poor condition. They may still be functioning but are at a questionable level of service and the Township needs to be prepared to respond to failures or proactively address them before they fail. The Poor and Very Poor assets are an area in need of investment.



**Summary of Asset Value and Condition for Core Assets**

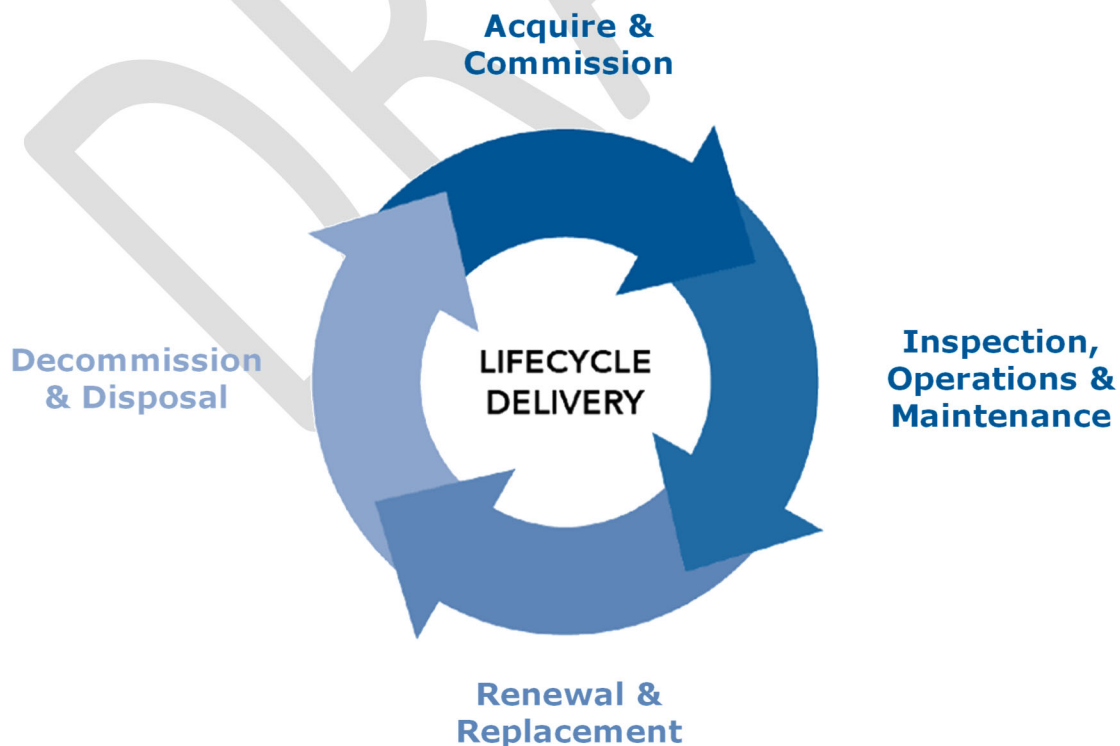
## Levels of Service

For the 2021 Core Asset Management Plan, the Township has started by reporting on the O. Reg. 588/17 requirements and select additional measures that will allow the Township to begin measuring performance and making decisions. For directly owned Township infrastructure assets, this AMP is compliant with the July 1, 2022 Regulation requirements. Furthermore, it also includes some components of the July 1, 2025 requirements.

The AMP quantifies the levels of service (LOS) provided by infrastructure systems through a series of performance metrics for each service area. LOS tables for each service division are developed and maintained through discussions with staff in all service areas that support the provision of the respective services. The structure of all the LOS tables is the same for each service division. Major components of the tables are: identifying customer values, corporate/customer focused performance measures, and technical focused performance measures. The LOS measures are established through discussions with staff and also include mandatory metrics that are prescribed by O. Reg. 588/17. Technical performance measures include both the current performance, as well as a proposed future recommended performance that are appropriate and financially sustainable for the Township.

## Asset Management Strategy

Asset management strategy is a set of planned actions that will enable the assets to provide the desired levels of service in a sustainable way, while managing risk, at the lowest life cycle cost. A simplified Township asset life cycle management strategies constitutes the following steps:



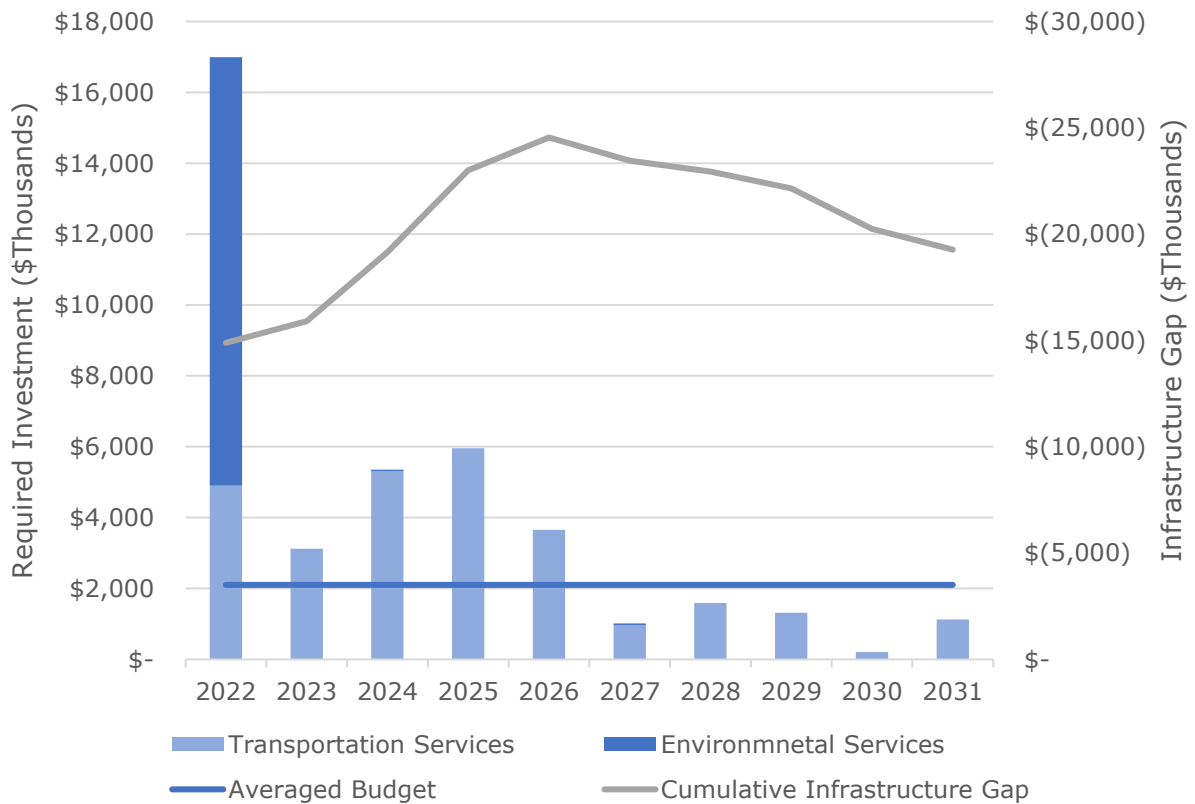
Understanding the overall risk exposure of an asset is critical for decision-making. Under a constrained budget scenario, decision-making is largely based on potential risks. As part of the Township’s risk management strategy, a risk assessment framework is developed for quantifying the criticality and risk exposure of the Township’s assets and enables the prioritization of projects across asset classes.

### Financial Summary

A summary output from the AMP is the forecast of 10-year total outlays, which is estimated as \$40.3 million or \$4 million on average per year. Estimated available funding for the 10-year period is \$21 million or \$2.1 million on average per year as per the planned budget. This is 52.2% of the cost to sustain the current level of service at the lowest lifecycle cost.

The Township does not have sufficient funding to meet the unconstrained scenario needs, and therefore, an evaluation of different funding scenarios is required to determine an appropriate constrained level of funding that balances cost and the risk associated with LOS.

The Township will manage the ‘gap’ by developing this AMP to provide guidance on future service levels and financial resources required to provide these services in consultation with the Council.



**Required Investment under the Unconstrained Budget Scenario**