



# Asset Management

City of Woodstock's 2024 Updated Plan

# Introduction

## What is Asset Management?

- Asset management is the coordinated activity of an organization to help realize value from the assets it owns.
- It is the City's integrated business approach with an aim to minimize the lifecycle costs of owning, operating, and maintaining assets at an acceptable level of risk, while continuously delivering established levels of service (LOS) for present and future customers.

## What is the Purpose?

- Asset management planning is intended to allow municipalities to make the best possible investment decisions for their infrastructure assets while bringing consistency and standardization to help spread best practices throughout the sector.
- The Asset Management Plan (AMP) helps the City strategize its financial planning as to manage fluctuations and minimize overall risk while ensuring levels of service do not suffer. Asset management should be the driving force in capital budget plan as well as being an effective and meaningful long-term policy.

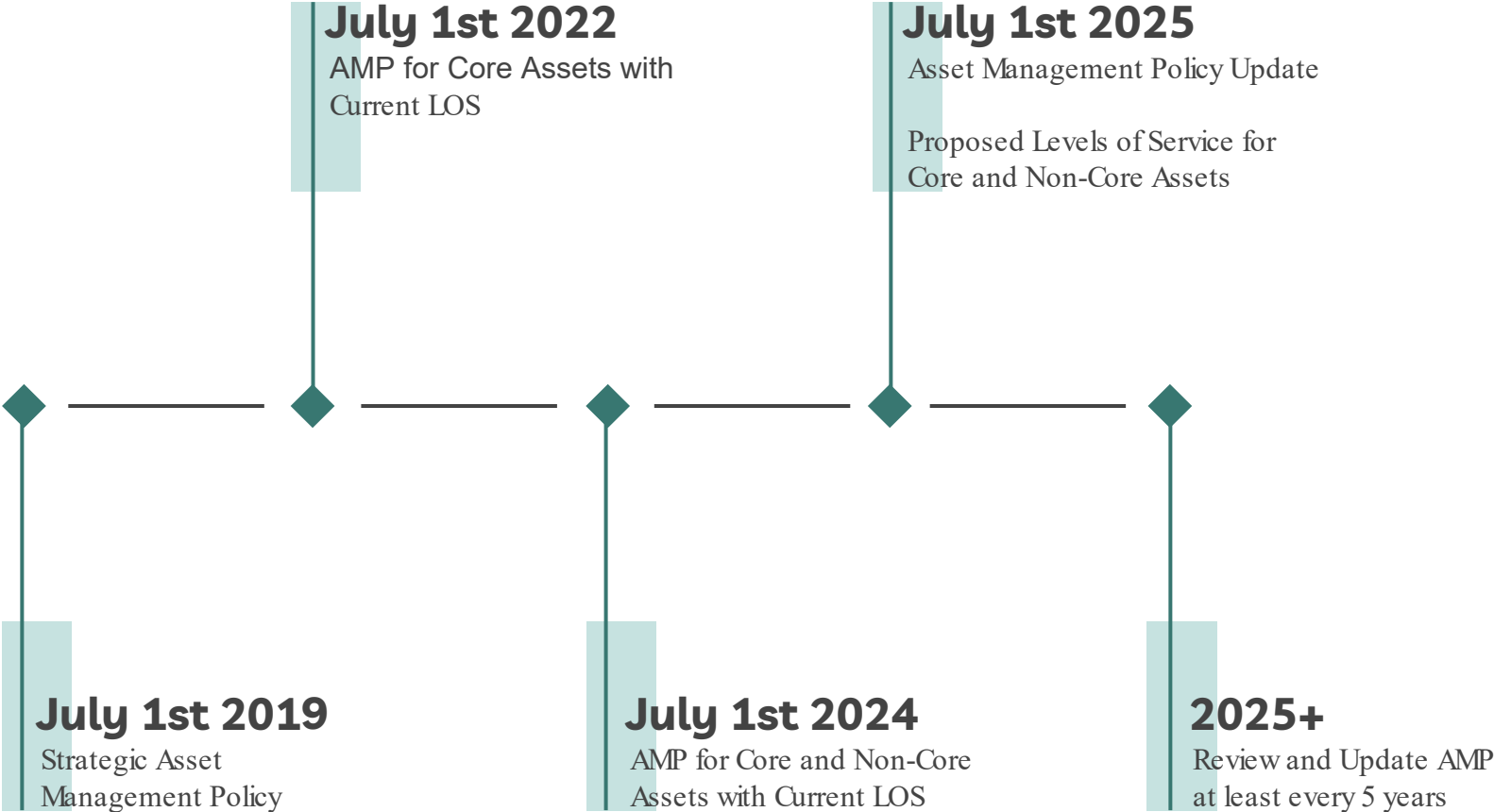
# O. Reg. 588/17

- December 2017, The Province laid out requirements for scope and content for a municipal asset management plan
- Regulatory compliance is required for a successful application for a conditional grant for municipal infrastructure projects
- Places substantial emphasis on current and proposed LOS and the lifecycle costs incurred in delivering them
- Intended to improve the quality and consistency of municipal asset management planning

## O. Reg. 193/21

- March 2021, the Province filed O. Reg. 193/21, amending O. Reg. 588/17 to extend each key date of the phase-in schedule by one year.
- Was made in response to many municipalities who requested additional time as they navigated various challenges and uncertainties during the COVID-19 pandemic.

# Regulation Timeline



# Woodstock's Journey

2019

## **Strategic Asset Management Policy**

Laid the foundation and strategic plan moving forward for the City

2020-2022

## **Asset Management Plan**

Creation of the first in house iteration of the AMP

➤ 2022-2024

## **Continued Asset Management Plan**

Building on the first AMP to include non-core assets and current LOS

2025+

## **Next Steps**

Identify proposed LOS for all assets as well as maintain annual status updates

# Reorganizing of the Asset Portfolio

Road Network

Bridges and Culverts

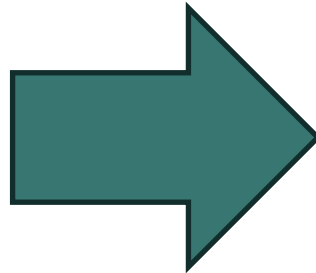
Stormwater Network

Buildings and Facilities

Machinery and Equipment

Land Improvements

Vehicles



Transportation

↳ Road Network, Bridges and Culverts

Stormwater

↳ Stormwater Network

Corporate Facilities

↳ Buildings, Land Improvements

Recreation and Culture

↳ Buildings, Land Improvements, Machinery and Equipment

Natural Assets

↳ NEW

Corporate Fleet

↳ Vehicles, Machinery and Equipment

# 2022 Asset Portfolio

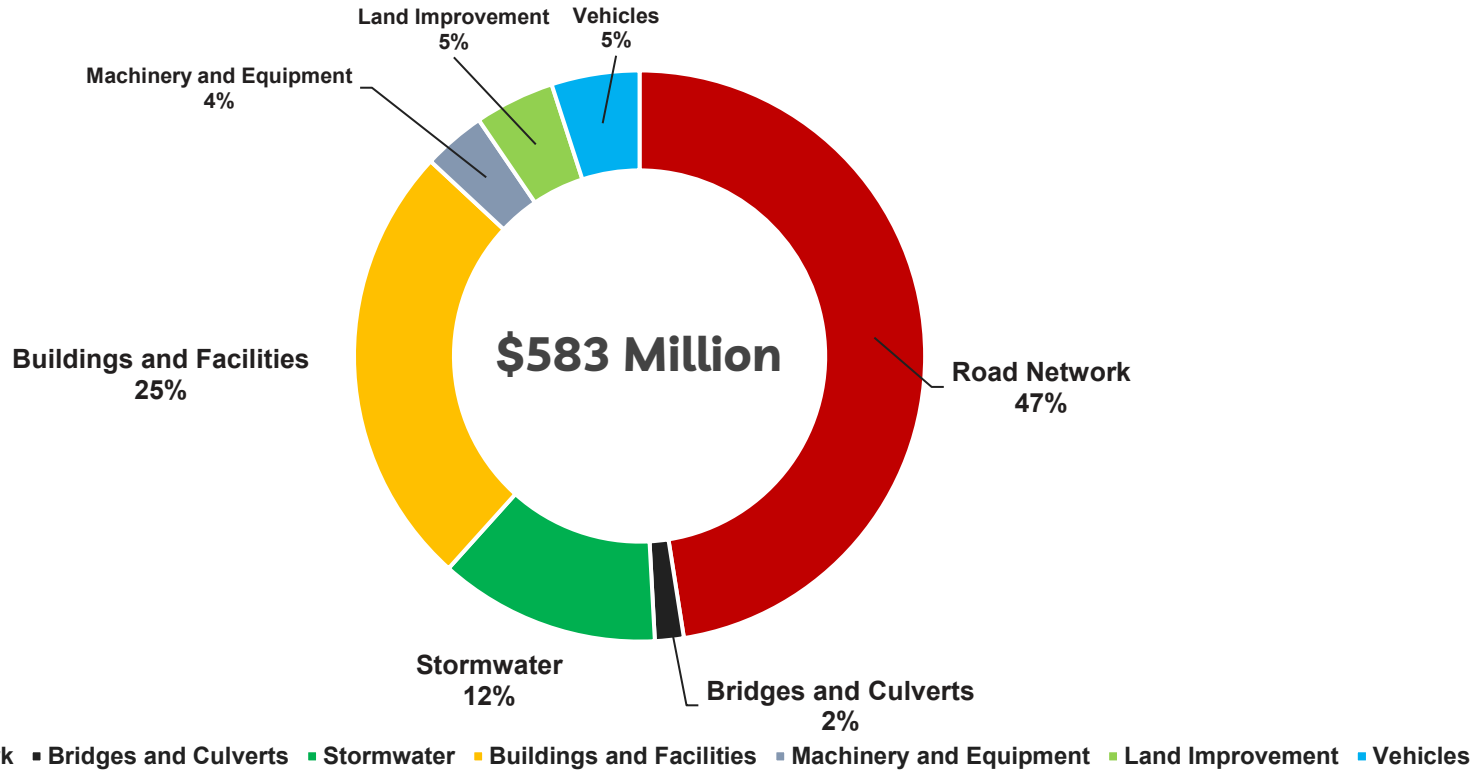


Figure 1. 2022 Breakdown of Asset Portfolio

# 2024 Asset Portfolio

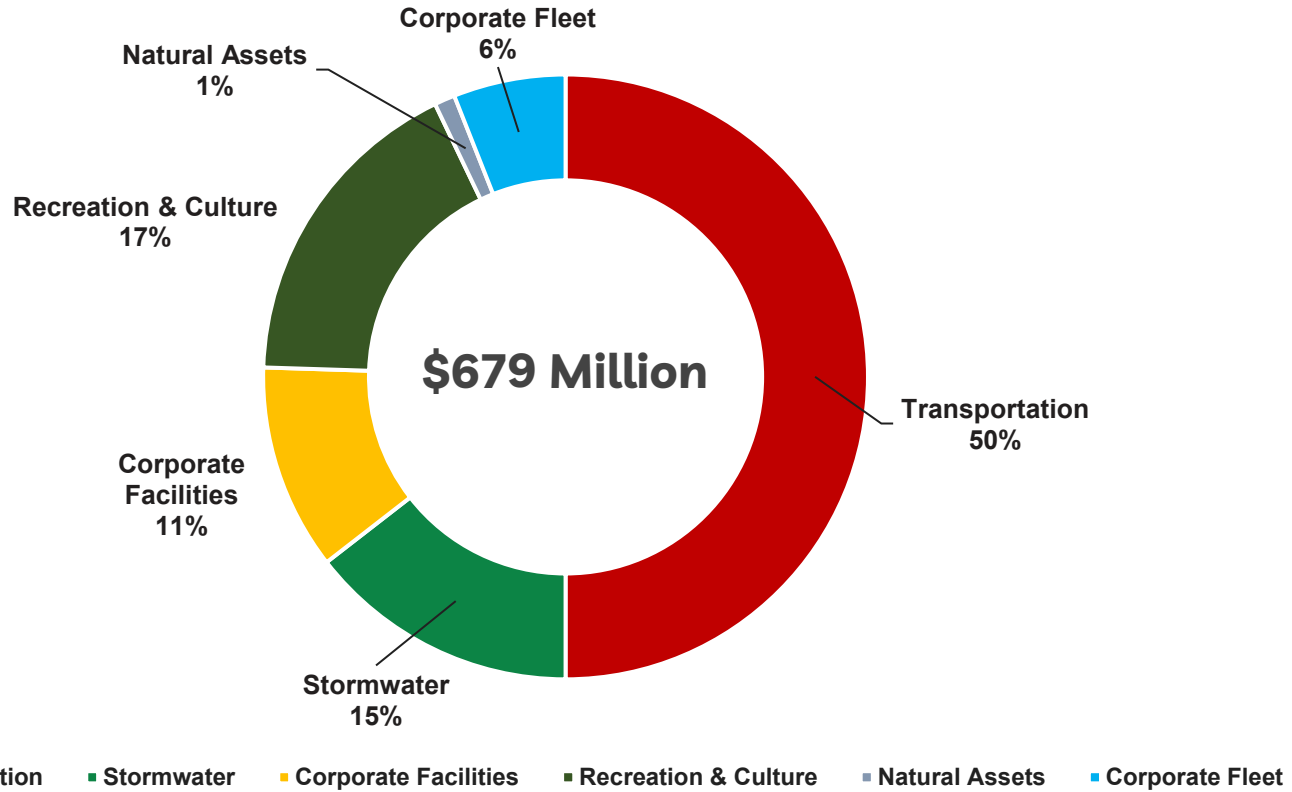


Figure 2. Current Breakdown of Asset Portfolio



# Transportation

**Total Replacement Value:** \$337 million

**Average Annual Infrastructure Gap:** \$5.1 million

**Overall Condition Rating:** Good (60%)

**Assets with less than 5 years of life:** 8%

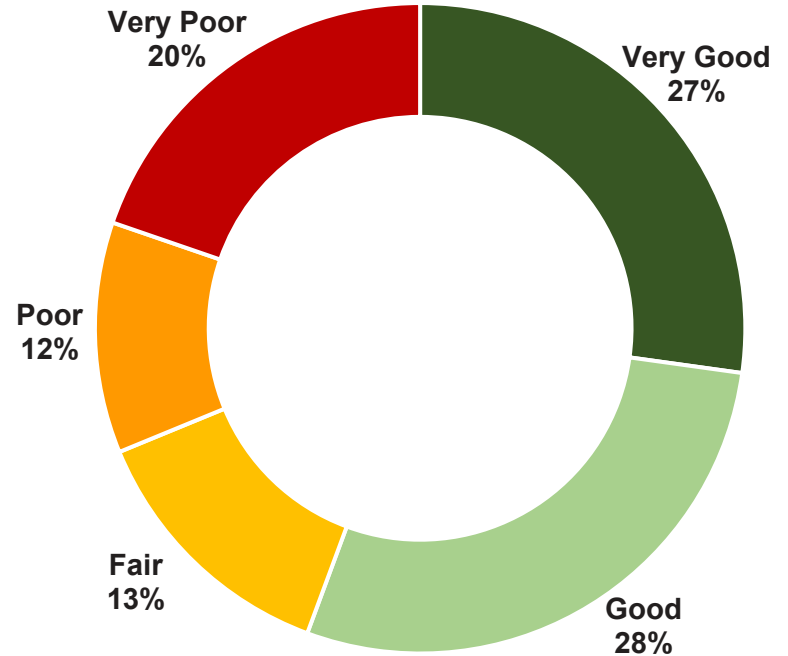


Figure 3. Asset Condition Transportation, 2024

# Transportation – Lifecycle Requirements

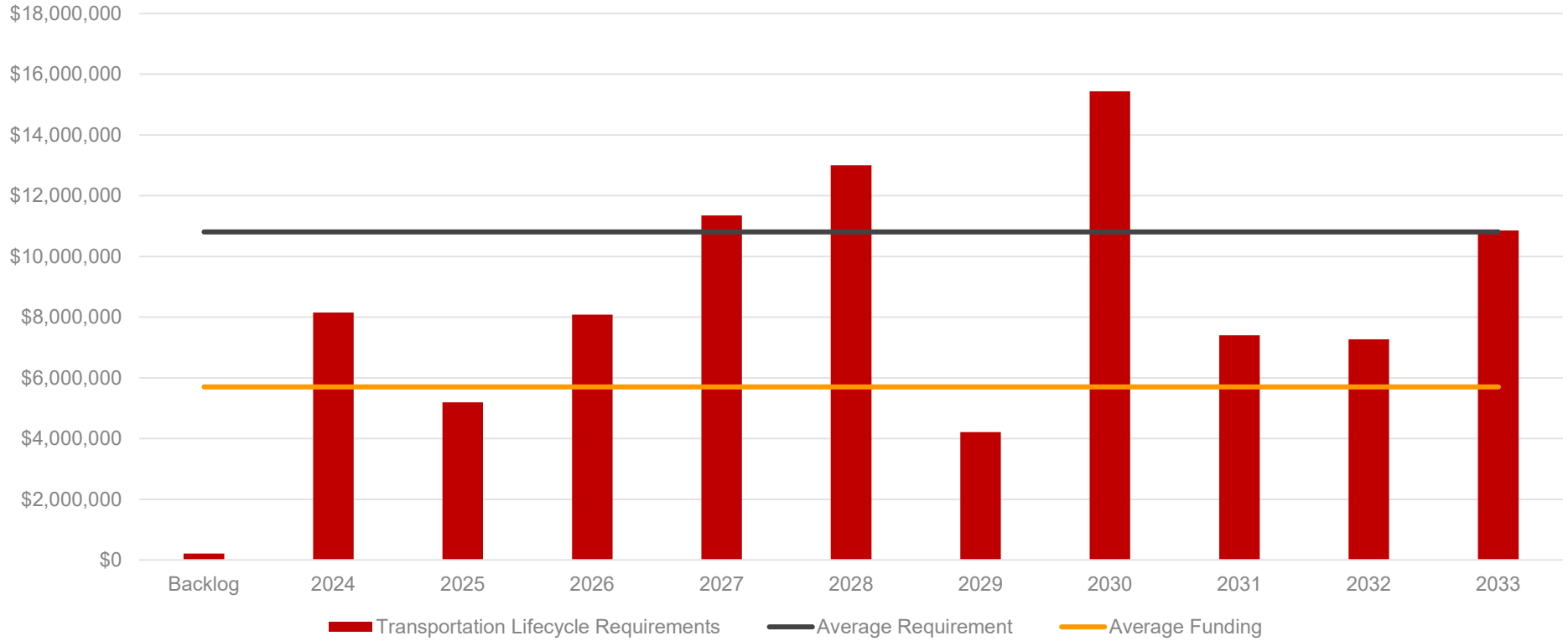


Figure 4. Annual Requirements and Forecasted Budget for Transportation

# Stormwater

**Total Replacement Value:** \$98.7 million

**Average Annual Infrastructure Gap:** \$0.59 million

**Overall Condition Rating:** Good (60%)

**Assets with less than 5 years of life:** 6%

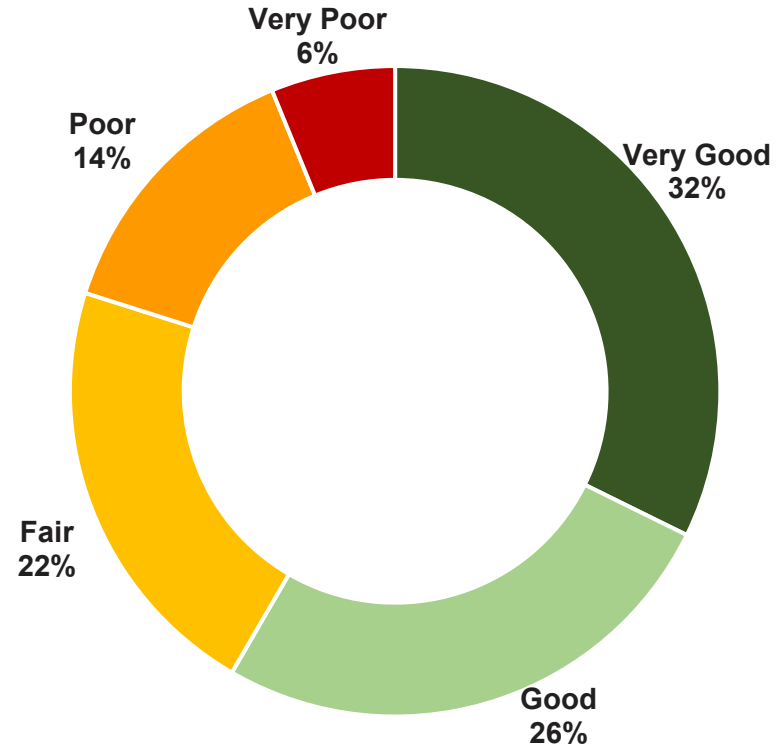


Figure 5. Asset Conditions Stormwater, 2024

# Stormwater – Lifecycle Requirements

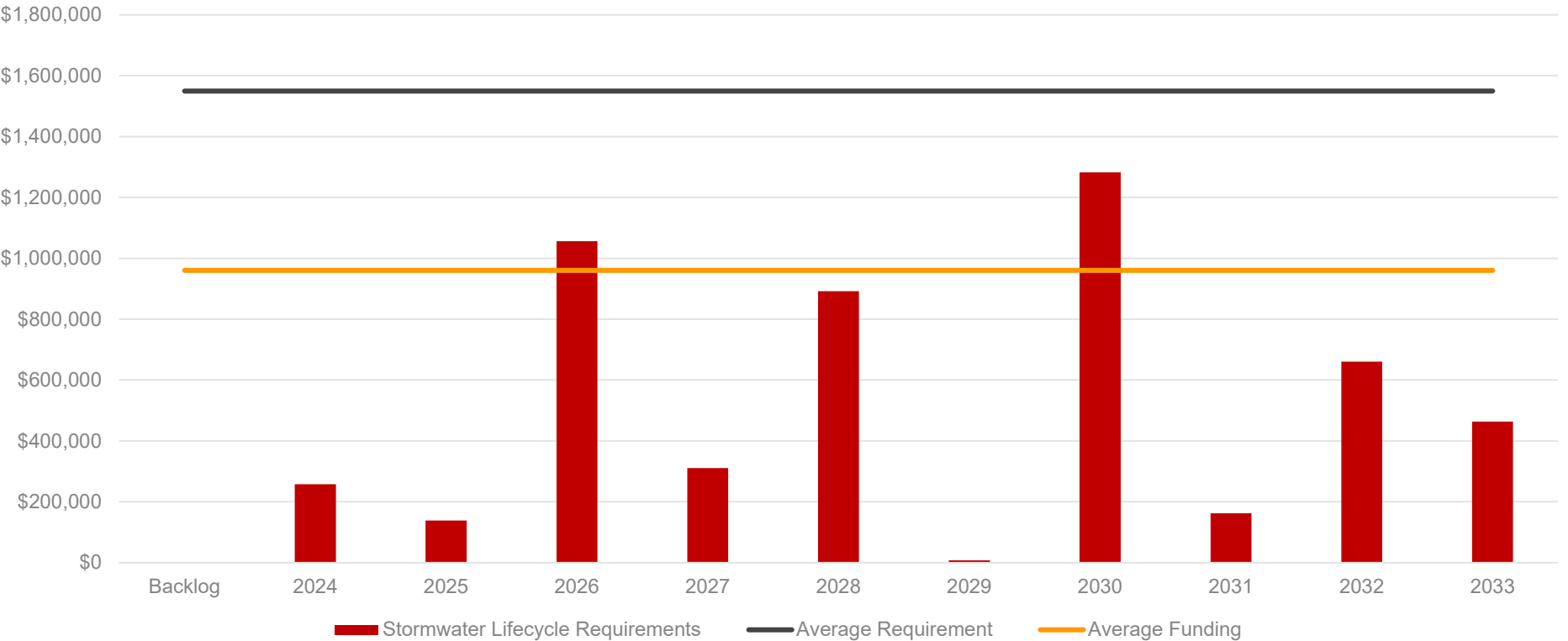


Figure 6. Annual Requirements and Forecasted Budget for Stormwater

# Corporate Facilities

**Total Replacement Value:** \$75.2 million

**Average Annual Infrastructure Gap:** \$1.58 million

**Overall Condition Rating:** Fair (52%)

**Assets with less than 5 years of life:** 20%

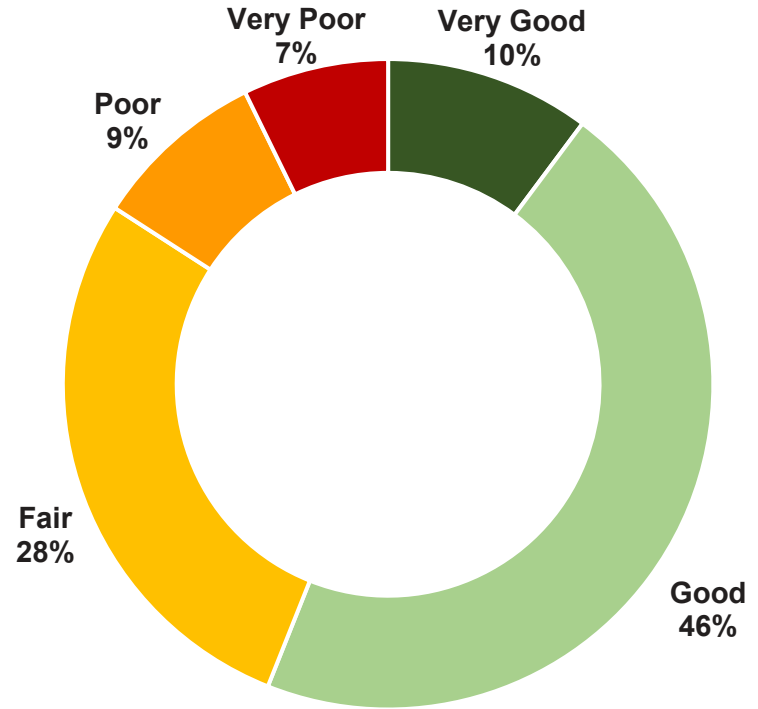


Figure 7. Asset Condition Corporate Facilities, 2024

# Corporate Facilities – Lifecycle Requirements

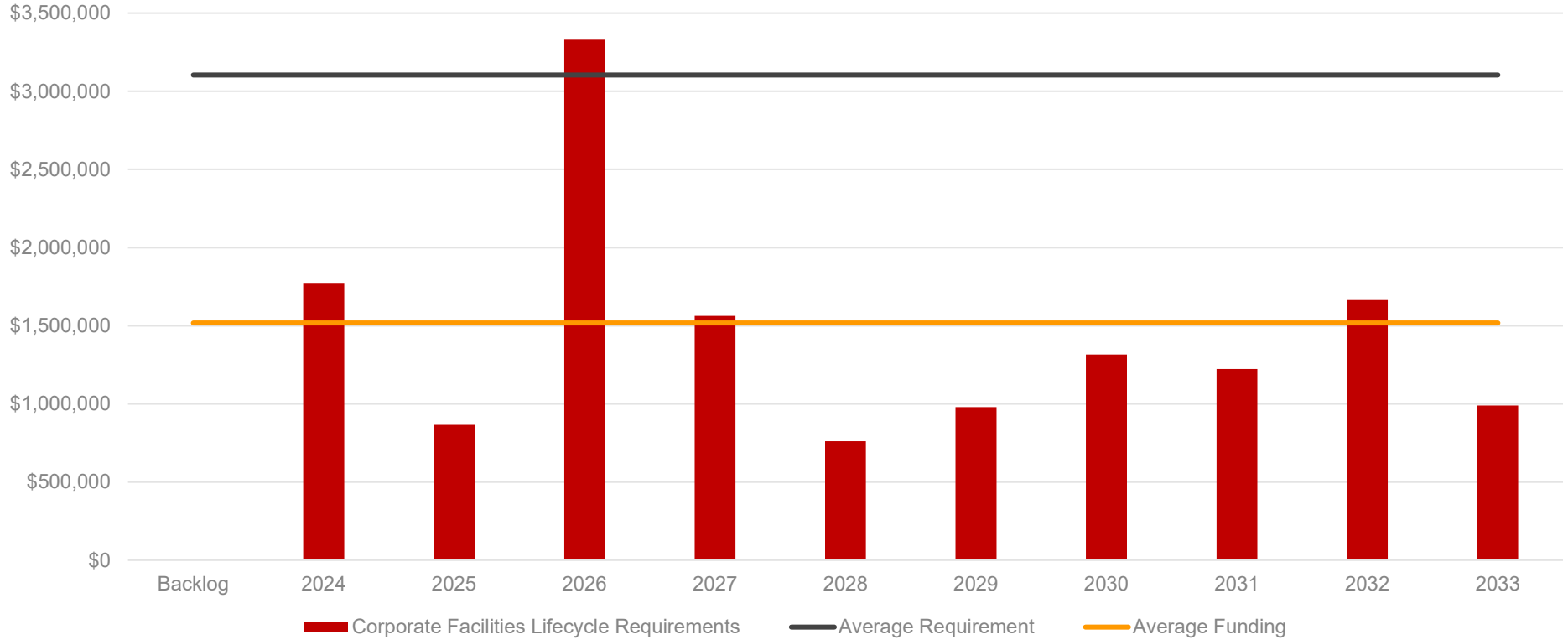


Figure 8. Annual Requirements and Forecasted Budget for Corporate Facilities

# Recreation and Culture

**Total Replacement Value:** \$118.4 million

**Average Annual Infrastructure Gap:** \$1.9 million

**Overall Condition Rating:** Fair (57.6%)

**Assets with less than 5 years of life:** 9%

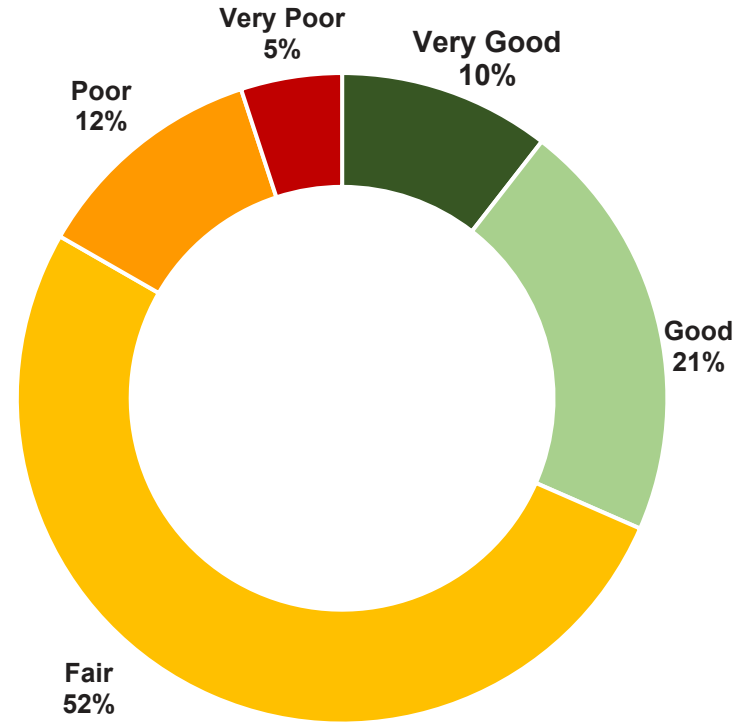


Figure 9. Asset Condition Recreation and Culture, 2024

# Recreation and Culture – Lifecycle Requirements

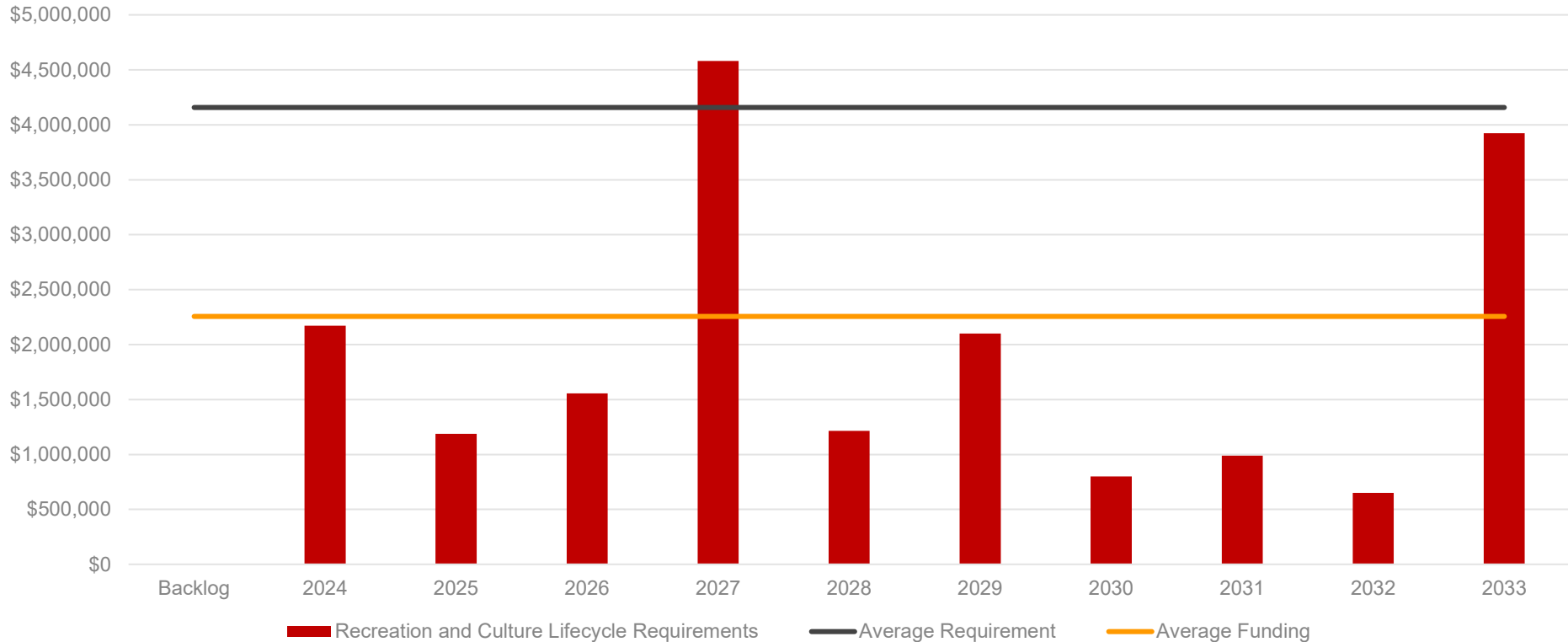


Figure 10. Annual Requirements and Forecasted Budget for Recreation and Culture



# Natural Assets

**Total Replacement Value:** \$7.8 million

**Overall Condition Rating:** Good

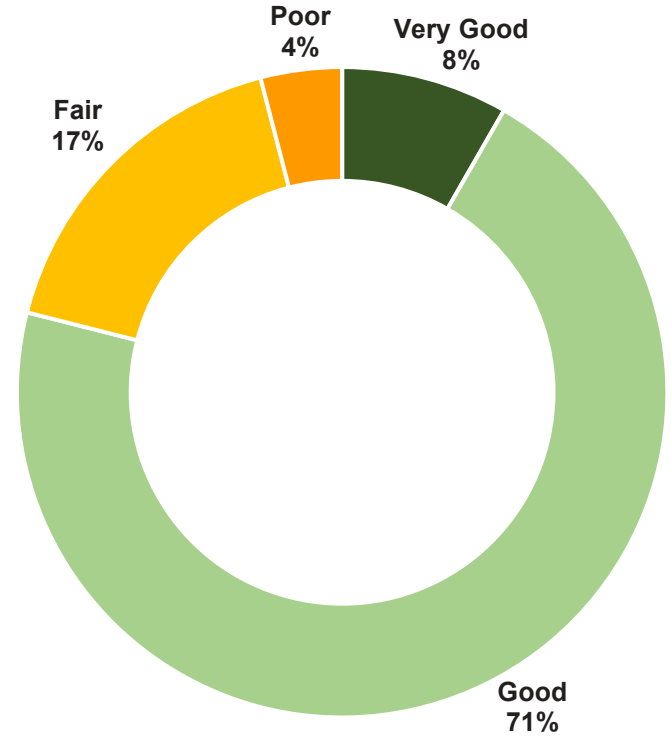


Figure 11. Asset Condition Natural Assets, 2024

# Corporate Fleet

**Total Replacement Value:** \$41.9 million

**Average Annual Infrastructure Gap:** \$0.26 million

**Overall Condition Rating:** Poor (36.7%)

**Assets with less than 5 years of life:** 25%

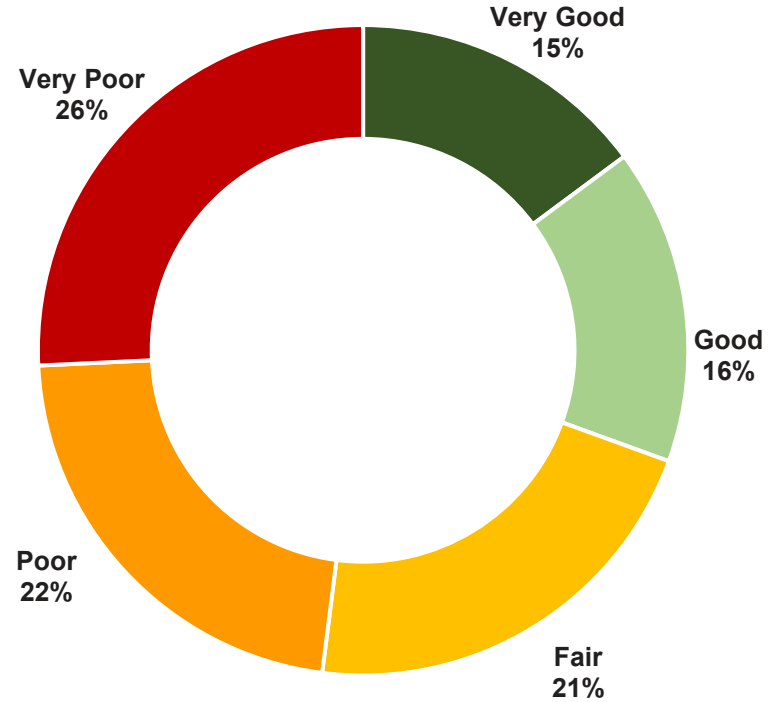


Figure 12. Asset Condition Corporate Fleet, 2024

# Corporate Fleet – Lifecycle Requirements

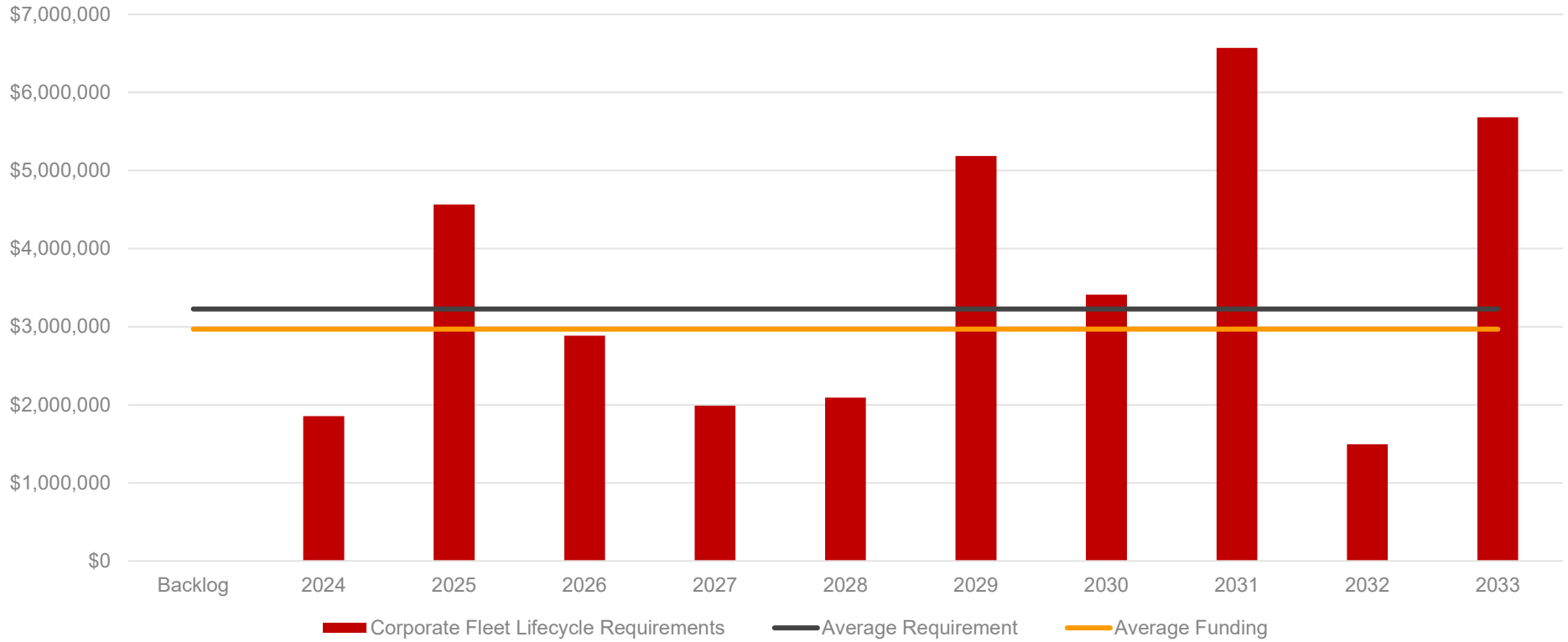


Figure 13. Annual Requirements and Forecasted Budget for Corporate Fleet

# Annual Capital Requirements

- This chart represents the City's anticipated annual capital requirements based on actual assets that have been identified as requiring replacement over the next 10 years
- Ensuring the right projects are done at the right time will help the City navigate the next 10 years in capital requirements. The best return on investment

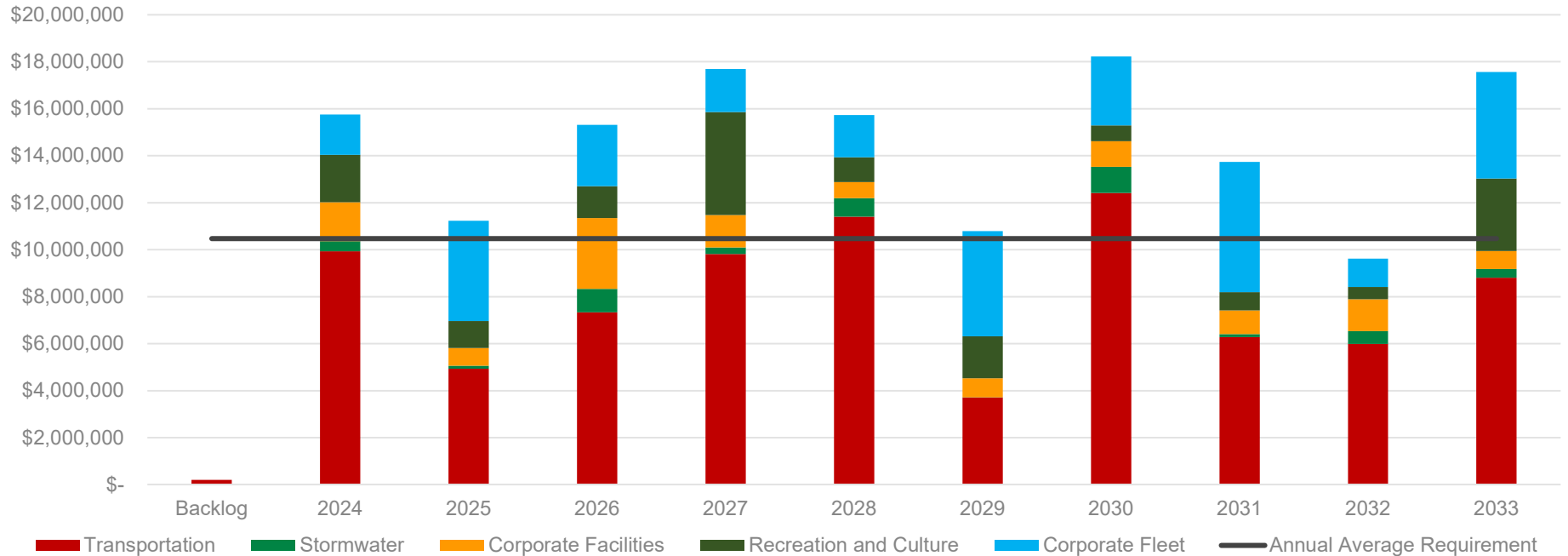


Figure 14. Forecasted Annual Capital Requirements by Service Area, 2024-2033

# Changes and Improvements

## Replacement Values

**2022 vs 2024**

\$583 million vs \$679 million

## Condition Assessments

**2022 vs 2024**

Age based vs Assessed

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## Data Accuracy

**2022 vs 2024**

Overall Increase 

## GIS Linking

**2022 vs 2024**

Unique ID's being introduced



# Cost vs Condition

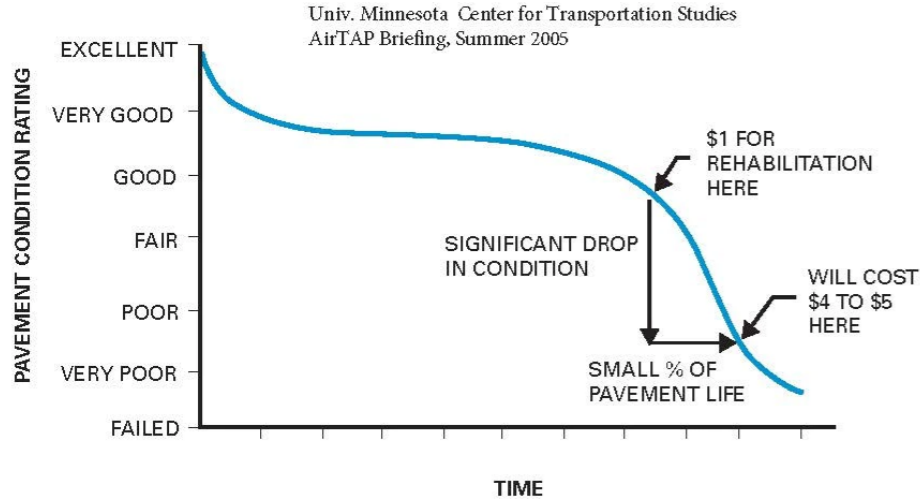


Figure 15. Maintenance Cost vs Condition

- The financial advantages of performing the right treatment at the right time of the asset life cycle
- If the right treatment is not done at the correct time, funding utilization becomes less effective
- Same logic applies across the board for all assets

# Moving Forward

## Align the Asset Management Plan

- a. Align the AMP with the City's budgetary processes and strategic plan
- b. Identify paths of incorporating the AMP within the capital budget
- c. Establish an Asset Management Steering Committee to ensure line of sight across the City

## Address the Infrastructure Gap

- a. Continue to search for funding from non-tax sources of financing to address infrastructure gaps
  - i. Grant funding where applicable
- b. Create infrastructure reserves that plan for the future and eliminate the risk of "peaks and valleys" in funding requirements
- c. Mitigate the risk of current LOS dropping
- d. Improve and build 5- and 10-year capital plans that tackle the infrastructure gap

## Improve the Asset Management Program

- a. Ensure data inventories are accurate and condition data is recorded in a timely manner
- b. Standardize operating procedures where applicable
- c. Build lifecycle strategies that are representative of asset performance and achieve proposed LOS
- d. Explore opportunities for interoperability where available
  - i. Asset Management Systems
- e. Continue to pursue Risk Management strategies across the City

**Thank You**

